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Department of Defense
Fiscal Year (FY) 2015 Budget Estimates
March 2014



Army
Justification Book
Missile Procurement, Army

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The following Justification Books were prepared at a cost of \$139,860: Aircraft (ACFT), Missile (MSLS), Weapons & Tracked Combat Vehicles (WTCV), Ammunition (AMMO), Other Procurement Army (OPA) 1 - Tactical & Support Vehicles, Other Procurement Army (OPA) 2 - Communications & Electronics, Other Procurement Army (OPA) 3 & 4 - Other Support Equipment & Spares, Research, Development, Test and Evaluation (RDTE) for: Budget Activity 1, Budget Activity 2, Budget Activity 3, Budget Activity 4, Budget Activity 5A, Budget Activity 5B, Budget Activity 6, and Budget Activity 7.

MISSILE PROCUREMENT, ARMY

Appropriation Language

For construction, procurement, production, modification, and modernization of missiles, equipment, including ordnance, ground handling equipment, spare parts, and accessories therefore; specialized equipment and training devices; expansion of public and private plants, including the land necessary therefore, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes, \$1,017,483,000, to remain available for obligation until September 30, 2017, of which \$34,102,000 shall be available for the Army National Guard and Army Reserve.

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Department of the Army
 FY 2015 President's Budget
 Exhibit P-1 FY 2015 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

28 Feb 2014

Appropriation	FY 2013 (Base & OCO)	FY 2014 Base Enacted	FY 2014 OCO Enacted	FY 2014 Total Enacted	FY 2015 Base
Missile Procurement, Army	1,464,837	1,549,491	128,645	1,678,136	1,017,483
Total Department of the Army	1,464,837	1,549,491	128,645	1,678,136	1,017,483

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Department of the Army
 FY 2015 President's Budget
 Exhibit P-1 FY 2015 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

28 Feb 2014

Appropriation: Missile Procurement, Army

Budget Activity -----	FY 2013 (Base & OCO) -----	FY 2014 Base Enacted -----	FY 2014 OCO Enacted -----	FY 2014 Total Enacted -----	FY 2015 Base -----
02. Other Missiles	1,300,927	1,127,696	128,645	1,256,341	795,796
03. Modification of Missiles	146,762	401,366		401,366	174,868
04. Spares and Repair Parts	7,297	10,474		10,474	36,930
05. Support Equipment and Facilities	9,851	9,955		9,955	9,889
Total Missile Procurement, Army	1,464,837	1,549,491	128,645	1,678,136	1,017,483

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Department of the Army
 FY 2015 President's Budget
 Exhibit P-1 FY 2015 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

28 Feb 2014

Appropriation: 2032A Missile Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO)		FY 2014 Base Enacted		FY 2014 OCO Enacted		FY 2014 Total Enacted		FY 2015 Base		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 02: Other Missiles													
Surface-to-Air Missile System													
1	Patriot System Summary	A	122	870,639									U
2	Lower Tier Air and Missile Defense (AMD)	A									110,300		U
3	MSE Missile			8,249	86	690,401			86	690,401	70	384,605	U
Air-To-Surface Missile System													
4	Hellfire Sys Summary	A	133	25,946		4,464	430	54,000	430	58,464		4,452	U
Anti-Tank/Assault Missile Sys													
5	Javelin (Aaws-M) System Summary		307	75,231	449	110,510			449	110,510	338	77,668	U
6	Tow 2 System Summary	A	1403	(58,590)	988	(69,281)			988	(69,281)	1008	(50,368)	U
	Less: Advance Procurement (FY)					(-19,927)				(-19,927)			U
				58,590		49,354				49,354		50,368	
7	Tow 2 System Summary												
	Advance Procurement (CY)			19,901		19,965				19,965		19,984	U
8	Guided MLRS Rocket (GMLRS)		1608	214,288	1789	233,980	383	39,045	2172	273,025	534	127,145	U
9	MLRS Reduced Range Practice Rockets (RRPR)		11210	16,048	2412	19,022			2412	19,022	2994	21,274	U
10	High Mobility Artillery Rocket System		12	12,035									U
11	Army Tactical Msl Sys (Atacms) - Sys Sum	B					24	35,600	24	35,600			U
Total Other Missiles				1,300,927		1,127,696		128,645		1,256,341		795,796	

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Department of the Army
 FY 2015 President's Budget
 Exhibit P-1 FY 2015 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

28 Feb 2014

Appropriation: 2032A Missile Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO)		FY 2014 Base Enacted		FY 2014 OCO Enacted		FY 2014 Total Enacted		FY 2015 Base		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 03: Modification of Missiles													

Modifications													
12	Patriot Mods			138,614		326,438				326,438		131,838	U
13	Stinger Mods					37,252				37,252		1,355	U
14	Avenger Mods											5,611	U
15	Itas/Tow Mods					20,000				20,000		19,676	U
16	MLRS Mods			2,361		11,571				11,571		10,380	U
17	Himars Modifications			5,787		6,105				6,105		6,008	U
Total Modification of Missiles				146,762		401,366				401,366		174,868	
Budget Activity 04: Spares and Repair Parts													

Spares and Repair Parts													
18	Spares and Repair Parts			7,297		10,474				10,474		36,930	U
Total Spares and Repair Parts				7,297		10,474				10,474		36,930	
Budget Activity 05: Support Equipment and Facilities													

Support Equipment & Facilities													
19	Air Defense Targets			3,584		3,530				3,530		3,657	U
20	Items Less Than \$5.0m (Missiles)			1,443		1,748				1,748		1,522	U
21	Production Base Support			4,824		4,677				4,677		4,710	U
Total Support Equipment and Facilities				9,851		9,955				9,955		9,889	
Total Missile Procurement, Army				1,464,837		1,549,491		128,645		1,678,136		1,017,483	

P-1C1: FY 2015 President's Budget (Published Version), as of February 28, 2014 at 08:27:45

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Line Item Table of Contents (by Appropriation then Line Number)

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2	02	10	C50016	Lower Tier Air and Missile Defense (AMD).....	9
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Appropriation 2032A: Missile Procurement, Army

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Appropriation 2032A: Missile Procurement, Army

Line #	BA	BSA	Line Item Number	Line Item Title	Page
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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 10: Surface-to-Air Missile System **P-1 Line Item Number / Title:** C49100 / Patriot System Summary

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:** 0605456A, 0604865A, 0603869A, 0214400A, 0214401A, 0607865A

Line Item MDAP/MAIS Code: **Item MDAP/MAIS Code(s):** 148

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	7,497	122	-	-	-	-	-	-	-	-	-	7,619
Gross/Weapon System Cost (<i>\$ in Millions</i>)	10,527.890	870.639	-	-	-	-	-	-	-	-	-	11,398.529
Less PY Advance Procurement (<i>\$ in Millions</i>)	123.343	-	-	-	-	-	-	-	-	-	-	123.343
Net Procurement (P1) (<i>\$ in Millions</i>)	10,404.547	870.639	-	-	-	-	-	-	-	-	-	11,275.186
Plus CY Advance Procurement (<i>\$ in Millions</i>)	123.343	-	-	-	-	-	-	-	-	-	-	123.343
Total Obligation Authority (<i>\$ in Millions</i>)	10,527.890	870.639	-	-	-	-	-	-	-	-	-	11,398.529

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	1,404.280	7,136.385	-	-	-	-	-	-	-	-	-	1,496.066

The FY 2015 OCO Request will be submitted at a later date.

Description:

PATRIOT is an advanced Surface-to-Air guided missile system with a high probability of kill, capable of operation in the presence of Electronic Countermeasures (ECM) and able to conduct multiple simultaneous engagements against high performance air breathing targets and ballistic missiles likely to be encountered by U.S. Forces. The system utilizes a multifunction Phased Array Radar, a digital computer controlling system function, a guidance system combining command and homing (track-via-missile) features, and provides the operator the ability to control operations. The system integrates with the U.S. Air Force and U.S. Navy in the overall air defense theater operations (migrating to an integrated architecture). The PATRIOT Advanced Capability 3 (PAC-3) program is a result of a series of integrated, phased system improvements in combination with the PAC-3 missile, which uses hit-to-kill technology. Radar enhancements, communications upgrades, and increased command, control, and computer capability (with IAMD integration) will increase PATRIOT's effectiveness, survivability, flexibility of defense design, footprint, and detection of smaller low radar cross section targets.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	122	-	-	-	-	-	-	-	-
	Total Obligation Authority	870.639	-	-	-	-	-	-	-	-
Total: Secondary Distribution	Quantity	122	-	-	-	-	-	-	-	-
	Total Obligation Authority	870.639	-	-	-	-	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 10: Surface-to-Air Missile System

P-1 Line Item Number / Title:
C49100 / Patriot System Summary

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:** 0605456A, 0604865A, 0603869A, 0214400A, 0214401A, 0607865A

Line Item MDAP/MAIS Code: **Item MDAP/MAIS Code(s):** 148

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - C49200 / PATRIOT PAC-3	P-5, P-5a, P-21	A	1,404.280	7,497	10,527.890	7,136.385	122	870.639	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost			1,404.280	7,497	10,527.890	7,136.385	122	870.639	-	-	-	-	-	-	-	-	-	-	-	-

Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total				
Title*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)		
Item - C49200 / PATRIOT PAC-3	P-5, P-5a, P-21	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Total Gross/Weapon System Cost			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,496.066	7,619	11,398.529

*For Items, Title represents the Item Number / Title [DODIC].

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
There is no funding requested in FY15.

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Exhibit P-5, Cost Analysis: PB 2015 Army										Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 10				MDAP/MAIS Code: 148		P-1 Line Item Number / Title: C49100 / Patriot System Summary				Item Number / Title [DODIC]: C49200 / PATRIOT PAC-3		

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	7,497	122	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	10,527.890	870.639	-	-	-	-	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	123.343	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	10,404.547	870.639	-	-	-	-	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	123.343	-	-	-	-	-	-	-	-	-	-	123.343
Total Obligation Authority (<i>\$ in Millions</i>)	10,527.890	870.639	-	-	-	-	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	1,404.280	7,136.385	-	-	-	-	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
Missile Hardware ^(†)		1,153.129	7,497	8,645.010	6,513.679	84	547.149	-	-	-	-	-	-	-	-	-	-	-	-
Field Surveillance		-	-	1,566.620	-	-	30.000	-	-	-	-	-	-	-	-	-	-	-	-
PAC-3 Missile Support Center (P3MSC)		-	-	-	-	-	16.400	-	-	-	-	-	-	-	-	-	-	-	-
Obsolescence		-	-	-	-	-	20.000	-	-	-	-	-	-	-	-	-	-	-	-
Enhanced Launcher Electronic System		3,765.000	84	316.260	3,294.000	38	125.172	-	-	-	-	-	-	-	-	-	-	-	-
Contractor Engineering		-	-	-	-	-	54.634	-	-	-	-	-	-	-	-	-	-	-	-
Government/Software Engineering		-	-	-	-	-	29.158	-	-	-	-	-	-	-	-	-	-	-	-
Sys Engrg/Proj Mgmt (SEPM)		-	-	-	-	-	19.511	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Logistics Support		-	-	-	-	-	16.909	-	-	-	-	-	-	-	-	-	-	-	-
Depot Maint Plant Equipment (DMPE)		-	-	-	-	-	1.301	-	-	-	-	-	-	-	-	-	-	-	-
Fielding		-	-	-	-	-	10.405	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	10,527.888	-	-	870.639	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Flyaway Cost		-	-	10,527.888	-	-	870.639	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost		1,404.280	7,497	10,527.890	7,136.385	122	870.639	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 10 **MDAP/MAIS Code:** 148 **P-1 Line Item Number / Title:** C49100 / Patriot System Summary **Item Number / Title [DODIC]:** C49200 / PATRIOT PAC-3

Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
Missile Hardware ^(t)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Surveillance		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PAC-3 Missile Support Center (P3MSC)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Obsolescence		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Enhanced Launcher Electronic System		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contractor Engineering		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Government/Software Engineering		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sys Engrg/Proj Mgmt (SEPM)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Logistics Support		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Depot Maint Plant Equipment (DMPE)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fielding		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	122	-	-	-	-	-	-	-	-
	Total Obligation Authority	870.639	-	-	-	-	-	-	-	-
Total: Secondary Distribution	Quantity	122	-	-	-	-	-	-	-	-
	Total Obligation Authority	870.639	-	-	-	-	-	-	-	-

(t) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2015 Army							Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 10			P-1 Line Item Number / Title: C49100 / Patriot System Summary				Item Number / Title [DODIC]: C49200 / PATRIOT PAC-3					
Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
Missile Hardware ^(†)		2013	LMMFC / Dallas, TX	SS / FFP	AMCOM	Dec 2012	Aug 2014	84	6,513.679	N		Mar 2012

^(†) indicates the presence of a P-21

Remarks:

LMMFC - Lockheed Martin Missiles and Fire Control
 SS - Sole Source
 FFP - Firm Fixed Price
 AMCOM - US Army Aviation and Missile Command

MDAP: 148

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Exhibit P-21, Production Schedule: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 10	P-1 Line Item Number / Title: C49100 / Patriot System Summary	Item Number / Title [DODIC]: C49200 / PATRIOT PAC-3
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2013												Fiscal Year 2014																	
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013												Calendar Year 2014																
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				
Missile Hardware																																			
Prior Years Deliveries: 7497																																			
1	2013	ARMY		84	-	84			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	20	42
1	2013	FMS (†)		100	-	100			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	
1	2013	TOTAL		184	-	184			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	20	142	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Production Schedule: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 10 **P-1 Line Item Number / Title:** C49100 / Patriot System Summary **Item Number / Title [DODIC]:** C49200 / PATRIOT PAC-3

Cost Elements <i>(Units in Each)</i>				Fiscal Year 2015													Fiscal Year 2016														
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 4	BAL D U E A S O F 1 O C T	Calendar Year 2015													Calendar Year 2016											
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
Missile Hardware																															
Prior Years Deliveries: 7497																															
	1	2013	ARMY	84	42	42	20	20	-	-	-	-	-	-	2	-															
	1	2013	FMS (†)	100	-	100	-	-	-	-	-	-	-	32	36	32															
	1	2013	TOTAL	184	42	142	20	20	-	-	-	-	-	32	38	32															
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

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Exhibit P-21, Production Schedule: PB 2015 Army	Date: March 2014
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Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 10	P-1 Line Item Number / Title: C49100 / Patriot System Summary	Item Number / Title [DODIC]: C49200 / PATRIOT PAC-3
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MFR Ref #	MFR Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	LMMFC - Dallas, TX	72.00	240.00	360.00	2	4	25	29	6	3	22	25

Remarks:
FY12 154 = Taiwan FMS Case (154 PAC-3 Missiles) FY13 40 = Taiwan FMS Case (40 PAC-3 Missiles) FY13 60 = Kuwait FMS Case (60 PAC-3 Missiles) Production Rates reflect annual production capacity.

(†) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.
The first non-gray cell in the Delivery Schedule indicates the Contract Award Date.
Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 10: Surface-to-Air Missile System

P-1 Line Item Number / Title:
 C50016 / Lower Tier Air and Missile Defense (AMD)

ID Code (A=Service Ready, B=Not Service Ready) :			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	-	-	110.300	-	110.300	116.416	131.549	114.678	113.281	-	586.224
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	110.300	-	110.300	116.416	131.549	114.678	113.281	-	586.224
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	110.300	-	110.300	116.416	131.549	114.678	113.281	-	586.224
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Description:

The Lower Tier Air and Missile Defense (AMD) supports the mission of the PATRIOT Advanced Capability-3 (PAC-3) Missile Field Surveillance Program (FSP) to ensure that the reliability, performance, and safety of fielded PAC-3 missiles remain within the classified system specification for the life of the system. Initial FSP tasks confirmed the quality of design, materials, procedures, and processes used in the manufacture of the system. After missile deployment, results from surveillance firings, inspections, functional tests, Storage and Aging Programs, and depot level missile maintenance processing provide the data required for the assessment of reliability, performance, and safety of the missile stockpile. The PAC-3 missile is fielded under the Certified Round Concept. Under this approved concept, the PAC-3 missile is capable of being placed in extended storage as part of war reserve stocks or deployed in operational units for variable periods and then fired without intervening tests or checkouts. In accordance with the Certified Round Concept, the reliability/performance of the missile is certified by the Lower Tier Project Office (LTPO) to be at an acceptable level for a stated period of time.

The certification of reliability is made possible through the use of the PAC-3 Missile Support Center (P3MSC) contract to use technical support and knowledge of the testing of discrete lots of component parts, subassemblies and assemblies which the prime contractor (LMMFC) provides as the only source of technical knowledge, expertise, and facilities to perform FSP activities and process PAC-3 missiles.

The PATRIOT International Engineering Services Program provides continuing engineering support for system software and hardware for the life of the PATRIOT Air Defense System for US and international partners. The Engineering Services Program is designed to sustain, maintain, and improve the PATRIOT system within the performance envelope described in the system specification. The support provided under this program includes PATRIOT software engineering and testing, engineering support for PATRIOT peculiar hardware, Government Furnished Equipment, Logistics, Technical Data Package, Trainers, and Integrated Diagnostics Support System. This is accomplished through the investigation, analysis, and development of solutions to identified problems as well as the incorporation of new or improved technologies. Modifications to hardware are engineered for manufacturing implementation and retrofit of fielded hardware through the modification process. The program is also used as a vehicle to engineer and maintain PATRIOT software. The majority of the software effort involves the engineering of post deployment software builds.

Procurement funded Systems engineering and project management support to the PATRIOT Weapon System. This support encompasses the overall planning, direction, and control of the production of the system/program, including functions of logistics engineering and Integrated Logistics Support (ILS) management, e.g., maintenance support, facilities, personnel, training, testing, and activation of a system.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 10: Surface-to-Air Missile System

P-1 Line Item Number / Title:
 C50016 / Lower Tier Air and Missile Defense (AMD)

ID Code (A=Service Ready, B=Not Service Ready) :		Program Elements for Code B Items:					Other Related Program Elements:			
Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	110.300	-	110.300	116.416	131.549	114.678	113.281
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	110.300	-	110.300	116.416	131.549	114.678	113.281

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - C50016 / Lower Tier Air and Missile Defense (AMD)	P-5		-	-	-	-	-	-	-	-	-	-	-	110.300	-	-	-	-	-	110.300
Total Gross/Weapon System Cost			-	-	-	-	-	-	-	-	-	-	-	110.300	-	-	-	-	-	110.300

*For Items, Title represents the Item Number / Title [DODIC].

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
 FY15 Base funding in the amount of \$110.300 million supports the Field Surveillance Program (FSP), PAC-3 Missile Support Center (P3MSC), International Engineering Services Program (IESP), Integrated Logistics Support (ILS), and System Engineering Program Management (SEPM) activities.

This is not a new start. Funds have been realigned from C53101 (MSE) to reflect those requirements that are not unique to MSE.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

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Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 10	P-1 Line Item Number / Title: C50016 / Lower Tier Air and Missile Defense (AMD)	Item Number / Title [DODIC]: C50016 / Lower Tier Air and Missile Defense (AMD)

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	-	-	110.300	-	110.300
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	-	-	110.300	-	110.300
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	-	-	110.300	-	110.300

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Thousands)</i>	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
Field Surveillance Program		-	-	-	-	-	-	-	-	-	-	-	15.000	-	-	-	-	-	15.000
P3MSC		-	-	-	-	-	-	-	-	-	-	-	6.400	-	-	-	-	-	6.400
International Engr Services Program		-	-	-	-	-	-	-	-	-	-	-	55.200	-	-	-	-	-	55.200
System Engineering/ Project Management		-	-	-	-	-	-	-	-	-	-	-	9.000	-	-	-	-	-	9.000
OGA/ILS		-	-	-	-	-	-	-	-	-	-	-	24.700	-	-	-	-	-	24.700
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	-	-	-	-	-	-	110.300	-	-	-	-	-	110.300
<i>Subtotal: Flyaway Cost</i>		-	-	-	-	-	-	-	-	-	-	-	110.300	-	-	-	-	-	110.300
Gross/Weapon System Cost		-	-	-	-	-	-	-	-	-	-	-	110.300	-	-	-	-	-	110.300

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	-	-	110.300	-	110.300
Total:	Quantity	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	-	-	110.300	-	110.300

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 10: Surface-to-Air Missile System
P-1 Line Item Number / Title: C53101 / MSE Missile

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0604865A, 0603869A, 0604869A, 0605456A

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	86	70	-	70	76	80	88	94	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	74.953	8.249	690.401	384.605	-	384.605	419.791	422.527	458.724	497.553	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	74.953	8.249	690.401	384.605	-	384.605	419.791	422.527	458.724	497.553	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	74.953	8.249	690.401	384.605	-	384.605	419.791	422.527	458.724	497.553	Continuing	Continuing

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	8,027.919	5,494.357	-	5,494.357	5,523.566	5,281.588	5,212.773	5,293.117	Continuing	Continuing

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:

The Missile Segment Enhancement (MSE) missile evolved from the PATRIOT Advanced Capability 3 (PAC-3) missile. The MSE was a competed development under MDA and is based on the PAC-3 Cost Reduction Initiative (CRI) missile design and improves on it for a higher performance, dual pulse, eleven-inch diameter Solid Rocket Motor (SRM) design, improved Lethality Enhancer, thermally hardened front end for longer fly out, upgraded batteries, enlarged fixed fins, more responsive control surfaces, and upgraded guidance software. These improvements provide a more agile, lethal interceptor missile, coupled with critical ground system improvements (Radar Digital Processor (RDP) & Software) provides a substantial missile performance improvement while enhancing Insensitive Munitions (IM) compliance. A more IM compliant propellant for the SRM was developed for the MSE program as well as a less sensitive Lethality Enhancer. A single canister design provides enhanced Warfighter and logistics flexibility, and facilitates Insensitive Munitions (IM) compliance for greater Warfighter safety. The MSE is being developed to fire from the PATRIOT system for the U.S. and is also the internationally accepted missile for MEADS (as FMS case).

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	86	70	-	70	76	80	88	94
	Total Obligation Authority	8.249	690.401	384.605	-	384.605	419.791	422.527	458.724	497.553
Total: Secondary Distribution	Quantity	-	86	70	-	70	76	80	88	94
	Total Obligation Authority	8.249	690.401	384.605	-	384.605	419.791	422.527	458.724	497.553

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 10: Surface-to-Air Missile System

P-1 Line Item Number / Title:
 C53101 / MSE Missile

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0604865A, 0603869A, 0604869A, 0605456A

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - C53101 / MSE Missile	P-5, P-5a, P-21		-	-	74.953	-	-	8.249	8,027.919	86	690.401	5,494.357	70	384.605	-	-	-	5,494.357	70	384.605
Total Gross/Weapon System Cost			-	-	74.953	-	-	8.249	8,027.919	86	690.401	5,494.357	70	384.605	-	-	-	5,494.357	70	384.605

*For Items, Title represents the Item Number / Title [DODIC].

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

The FY 2015 Base procurement dollars in the amount of \$384.605 million supports the production of 70 Missile Segment Enhancement (MSE) missiles and supporting equipment.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

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Exhibit P-5, Cost Analysis: PB 2015 Army					Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 10			P-1 Line Item Number / Title: C53101 / MSE Missile					Item Number / Title [DODIC]: C53101 / MSE Missile		

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity (Units in Each)	-	-	86	70	-	70
Gross/Weapon System Cost (\$ in Millions)	74.953	8.249	690.401	384.605	-	384.605
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	74.953	8.249	690.401	384.605	-	384.605
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	74.953	8.249	690.401	384.605	-	384.605

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	8,027.919	5,494.357	-	5,494.357

The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
Missile Hardware ^(†)		-	-	-	-	-	5,000.000	86	430.000	4,710.071	70	329.705	-	-	-	4,710.071	70	329.705	
Field Surveillance		-	-	-	-	-	-	-	25.900	-	-	2.600	-	-	-	-	-	2.600	
PAC-3 Missile Support Center (P3MSC)		-	-	-	-	-	-	-	12.000	-	-	1.600	-	-	-	-	-	1.600	
Obsolescence		-	-	-	-	-	-	-	20.500	-	-	20.700	-	-	-	-	-	20.700	
LS Mods		-	-	-	-	-	-	-	13.300	-	-	3.400	-	-	-	-	-	3.400	
Heater Kits		-	-	-	-	-	-	-	2.500	-	-	-	-	-	-	-	-	-	
MRT/ERT		-	-	-	-	-	-	-	56.800	-	-	11.100	-	-	-	-	-	11.100	
CARM		-	-	-	-	-	-	-	7.051	-	-	-	-	-	-	-	-	-	
Initial Production Facilitization		-	-	74.953	-	-	7.796	-	-	-	-	-	-	-	-	-	-	-	
Contractor Engineering		-	-	-	-	-	-	-	51.416	-	-	-	-	-	-	-	-	-	
Government/Software Engineering		-	-	-	-	-	0.453	-	25.683	-	-	6.200	-	-	-	-	-	6.200	
Sys Engrg/Proj Mgmt (SE/PM) Contractor		-	-	-	-	-	-	-	18.345	-	-	9.300	-	-	-	-	-	9.300	
Integrated Logistics Support		-	-	-	-	-	-	-	26.906	-	-	-	-	-	-	-	-	-	
Subtotal: Recurring Cost		-	-	74.953	-	-	8.249	-	690.401	-	-	384.605	-	-	-	-	-	384.605	
Subtotal: Flyaway Cost		-	-	74.953	-	-	8.249	-	690.401	-	-	384.605	-	-	-	-	-	384.605	
Gross/Weapon System Cost		-	-	74.953	-	-	8.249	8,027.919	86	690.401	5,494.357	70	384.605	-	-	-	5,494.357	70	384.605

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Exhibit P-5, Cost Analysis: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 10	P-1 Line Item Number / Title: C53101 / MSE Missile	Item Number / Title [DODIC]: C53101 / MSE Missile
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Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	-	86	70	-	70
	Total Obligation Authority	8.249	690.401	384.605	-	384.605
Total:	Quantity	-	86	70	-	70
Secondary Distribution	Total Obligation Authority	8.249	690.401	384.605	-	384.605

(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 10	P-1 Line Item Number / Title: C53101 / MSE Missile	Item Number / Title [DODIC]: C53101 / MSE Missile
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Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Missile Hardware ^(†)		2014	LMMFC / Dallas, TX	SS / FPIF	AMCOM, RSA, AL	Mar 2014	Jun 2015	86	5,000.000	N		Oct 2013
Missile Hardware ^(†)		2015	LMMFC / Dallas, TX	SS / FPIF	AMCOM, RSA, AL	Mar 2015	Jun 2016	70	4,710.071	N		

^(†) indicates the presence of a P-21

Remarks:
 FY 2012 and FY 2013 base procurement dollars funded the effort to facilitate the production line in support of the FY 2014 MSE production buy and the option to this contract to finalize rate tooling.
 PB14 request for 56 missiles was increased \$150M which is projected to add 30 missiles.

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Exhibit P-21, Production Schedule: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 10 **P-1 Line Item Number / Title:** C53101 / MSE Missile **Item Number / Title [DODIC]:** C53101 / MSE Missile

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2014												Fiscal Year 2015													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014												Calendar Year 2015												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
Missile Hardware																															
	1	2014	ARMY	86	-	86																									
	1	2015	ARMY	70	-	70																									
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

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Exhibit P-21, Production Schedule: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 10	P-1 Line Item Number / Title: C53101 / MSE Missile	Item Number / Title [DODIC]: C53101 / MSE Missile
--	--	---

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2016												Fiscal Year 2017													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T O 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016												Calendar Year 2017												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
Missile Hardware																															
	1	2014	ARMY	86	16	70	-	-	-	-	16	18	18	18															-		
	1	2015	ARMY	70	-	70	-	-	-	-	-	-	-	-	6	8	8	6	6	8	8	6	4	2	2	2	2	2		-	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

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Exhibit P-21, Production Schedule: PB 2015 Army								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 10				P-1 Line Item Number / Title: C53101 / MSE Missile				Item Number / Title [DODIC]: C53101 / MSE Missile				
		Production Rates (Each / Month)			Procurement Leadtime (Months)							
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	LMMFC - Dallas, TX	72.00	240.00	360.00	6	6	15	21	6	6	15	21

Remarks:
Production Rates reflect annual production capacity.

The first non-gray cell in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 20: Air-To-Surface Missile System
P-1 Line Item Number / Title: C70000 / Hellfire Sys Summary

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0203802A, 0210109A

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	133	430	-	-	-	-	-	-	-	-	563
Gross/Weapon System Cost (\$ in Millions)	3,049.100	25.946	58.464	4.452	-	4.452	-	-	-	0.015	-	3,137.977
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	3,049.100	25.946	58.464	4.452	-	4.452	-	-	-	0.015	-	3,137.977
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	3,049.100	25.946	58.464	4.452	-	4.452	-	-	-	0.015	-	3,137.977

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	195.083	135.963	-	-	-	-	-	-	-	-	5,573.671

The FY 2015 OCO Request will be submitted at a later date.

Description:

The Laser HELLFIRE II system family of air-to-ground missiles (all variants) provides attack helicopters and unmanned aircraft systems (UAS) with point-target precision strike capability to defeat heavy, advanced armor, individual hard point and non-traditional targets. HELLFIRE II missiles use a semi-active laser terminal guidance and are the primary armament of the AH-64 Apache, OH-58 Kiowa Warrior, Army UAS and Special Operations aircraft. The HELLFIRE II includes Electro-Optical Countermeasure capability, warhead improvements and an updated electronic fuze. The AGM-114R HELLFIRE II missile will be the single variant that replaces all other HELLFIRE II missile configurations (K/N/M/P). HELLFIRE II Romeo procurement funding supports the entire HELLFIRE II system to include resolution of obsolescence, safety, reliability, weapon integration activities, test sets, engineering changes and production issues. This missile will be compatible on all current force UAS and rotary wing platforms.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	133	430	-	-	-	-	-	-	-
	Total Obligation Authority	25.946	58.464	4.452	-	4.452	-	-	-	0.015
Total: Secondary Distribution	Quantity	133	430	-	-	-	-	-	-	-
	Total Obligation Authority	25.946	58.464	4.452	-	4.452	-	-	-	0.015

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 20: Air-To-Surface Missile System

P-1 Line Item Number / Title:
C70000 / Hellfire Sys Summary

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0203802A, 0210109A

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - C70100 / LASER HELLFIRE MSL (BASIC/ IHW/HFII)	P-5, P-5a, P-21		-	-	3,049.100	195.083	133	25.946	135.963	430	58.464	-	-	4.452	-	-	-	-	-	4.452
Total Gross/Weapon System Cost			-	-	3,049.100	195.083	133	25.946	135.963	430	58.464	-	-	4.452	-	-	-	-	-	4.452

*For Items, Title represents the Item Number / Title [DODIC].

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

The HELLFIRE Product Office is the procurement agent for all services for all variants of the HELLFIRE missile.

FY2015 Base procurement dollars in the amount of \$4.452 million provide government engineering support for HELLFIRE II missiles. These funds continue through the Program Objective Memorandum (POM) to support Army deliveries, work issues from field failures, support the users, address obsolescence and facilitate other service orders.

The Army has depended on Overseas Contingency Operations (OCO) funding to replenish stocks since FY 2008. The Army continues to evaluate the transition strategy from HELLFIRE to Joint Air to Ground Missile (JAGM).

The Army intends to convert any price advantage created through contract negotiations, other service procurement and/or Foreign Military Sale (FMS) to increase the Army procurement of HELLFIRE II missiles.

" In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses and providing military support to civil authorities."

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Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 20	P-1 Line Item Number / Title: C70000 / Hellfire Sys Summary	Item Number / Title [DODIC]: C70100 / LASER HELLFIRE MSL (BASIC/IHW/HFII)

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity (<i>Units in Each</i>)	-	133	430	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	3,049.100	25.946	58.464	4.452	-	4.452
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	3,049.100	25.946	58.464	4.452	-	4.452
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	3,049.100	25.946	58.464	4.452	-	4.452

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	195.083	135.963	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
All-up Rounds ^(†)		-	-	2,526.537	84.150	133	11.192	102.326	430	44.000	-	-	-	-	-	-	-	-	-
Engineering Services		-	-	109.723	-	-	1.254	-	-	1.579	-	-	-	-	-	-	-	-	-
Fielding		-	-	25.881	-	-	0.218	-	-	0.684	-	-	-	-	-	-	-	-	-
Acceptance Testing		-	-	49.238	-	-	0.038	-	-	0.120	-	-	-	-	-	-	-	-	-
Project Mgt Admin		-	-	136.404	-	-	3.576	-	-	3.274	-	-	4.452	-	-	-	-	-	4.452
Production Engineering Support		-	-	201.317	-	-	9.668	-	-	8.807	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	<i>3,049.100</i>	-	-	<i>25.946</i>	-	-	<i>58.464</i>	-	-	<i>4.452</i>	-	-	-	-	-	<i>4.452</i>
<i>Subtotal: Flyaway Cost</i>		-	-	<i>3,049.100</i>	-	-	<i>25.946</i>	-	-	<i>58.464</i>	-	-	<i>4.452</i>	-	-	-	-	-	<i>4.452</i>
Gross/Weapon System Cost		-	-	3,049.100	195.083	133	25.946	135.963	430	58.464	-	-	4.452	-	-	-	-	-	4.452

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	133	430	-	-	-
	Total Obligation Authority	25.946	58.464	4.452	-	4.452
Total:	Quantity	133	430	-	-	-
Secondary Distribution	Total Obligation Authority	25.946	58.464	4.452	-	4.452

(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2015 Army								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 20			P-1 Line Item Number / Title: C70000 / Hellfire Sys Summary					Item Number / Title [DODIC]: C70100 / LASER HELLFIRE MSL (BASIC/IHW/HFII)				
Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
All-up Rounds ^(†)		2013	HELLFIRE Sys Limited Liability / Orlando	C / FFP	AMCOM, Redstone Arsenal, AL	May 2013	May 2015	133	84.150	N		Mar 2011
All-up Rounds ^(†)		2014	HELLFIRE Sys Limited Liability / Orlando	C / FFP	AMCOM, Redstone Arsenal, AL	May 2014	May 2016	430	102.326	N		Mar 2011

^(†) indicates the presence of a P-21

Remarks:

Firm Fixed Price (FFP)

The production unit cost is based on all Services' base and OCO quantity requirements known at this time. Quantities include United States Air Force procurement, United States Navy procurement of tactical missiles and United States Army procurement of Hellfire II AGM-114R missiles.

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Exhibit P-21, Production Schedule: PB 2015 Army																	Date: March 2014											
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 20											P-1 Line Item Number / Title: C70000 / Hellfire Sys Summary											Item Number / Title [DODIC]: C70100 / LASER HELLFIRE MSL (BASIC/IHW/HFII)						

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2013												Fiscal Year 2014													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013												Calendar Year 2014												B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
All-up Rounds																															
1	2013	ARMY	133	-	133																								133		
1	2013	NAVY (†)	919	-	919																								919		
1	2013	AF (†)	1,063	-	1,063																								1,063		
1	2013	TOTAL	2,115	-	2,115																								2,115		
1	2014	ARMY	430	-	430																							430			
1	2014	NAVY (†)	281	-	281																							281			
1	2014	AF (†)	413	-	413																							413			
1	2014	TOTAL	1,124	-	1,124																								1,124		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Production Schedule: PB 2015 Army															Date: March 2014														
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 20										P-1 Line Item Number / Title: C70000 / Hellfire Sys Summary										Item Number / Title [DODIC]: C70100 / LASER HELLFIRE MSL (BASIC/IHW/HFII)									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2015													Fiscal Year 2016													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015													Calendar Year 2016												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	
All-up Rounds																																
1		2013	ARMY	133	-	133	-	-	-	-	-	-	-	-	12	11	11	11	11	11	11	11	11	11	11	11	11	11	-			
1		2013	NAVY (†)	919	-	919	-	-	-	-	-	-	-	-	77	77	77	77	77	77	77	77	76	76	76	76	76	-	-			
1		2013	AF (†)	1,063	-	1,063	-	-	-	-	-	-	-	-	89	89	89	89	89	89	89	88	88	88	88	88	-	-				
1		2013	TOTAL	2,115	-	2,115	-	-	-	-	-	-	-	-	178	177	177	177	177	177	177	175	175	175	175	175	-	-				
1		2014	ARMY	430	-	430	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	36	36	36	36	250
1		2014	NAVY (†)	281	-	281	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	24	24	24	24	161
1		2014	AF (†)	413	-	413	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	35	35	35	35	238
1		2014	TOTAL	1,124	-	1,124	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	95	95	95	95	95	649
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Production Schedule: PB 2015 Army															Date: March 2014														
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 20										P-1 Line Item Number / Title: C70000 / Hellfire Sys Summary										Item Number / Title [DODIC]: C70100 / LASER HELLFIRE MSL (BASIC/IHW/HFII)									

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2017												Fiscal Year 2018														
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	Calendar Year 2017												Calendar Year 2018												B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
All-up Rounds																															
1		2013	ARMY	133	133	-																								-	
1		2013	NAVY (‡)	919	919	-																								-	
1		2013	AF (‡)	1,063	1,063	-																								-	
1		2013	TOTAL	2,115	2,115	-																								-	
1		2014	ARMY	430	180	250	36	36	36	36	36	35	35																	-	
1		2014	NAVY (‡)	281	120	161	23	23	23	23	23	23	23																	-	
1		2014	AF (‡)	413	175	238	34	34	34	34	34	34	34																	-	
1		2014	TOTAL	1,124	475	649	93	93	93	93	93	92	92																	-	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

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Exhibit P-21, Production Schedule: PB 2015 Army				Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 20			P-1 Line Item Number / Title: C70000 / Hellfire Sys Summary				Item Number / Title [DODIC]: C70100 / LASER HELLFIRE MSL (BASIC/IHW/HFII)		

MFR Ref #	MFR Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	HELLFIRE Sys Limited Liability - Orlando	1,200.00	4,080.00	7,000.00	6	3	24	27	5	3	24	27

(‡) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.

The first non-gray cell in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/
Assault Missile Sys **P-1 Line Item Number / Title:**
CC0007 / Javelin (AAWS-M) System Summary

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0604611A

Line Item MDAP/MAIS Code: **Item MDAP/MAIS Code(s):** 280

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	27,487	307	599	338	-	338	331	240	292	238	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	4,491.040	75.231	110.510	77.668	-	77.668	77.902	63.013	73.684	65.073	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	100.622	-	-	-	-	-	-	-	-	-	-	100.622
Net Procurement (P1) (<i>\$ in Millions</i>)	4,390.418	75.231	110.510	77.668	-	77.668	77.902	63.013	73.684	65.073	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	100.622	-	-	-	-	-	-	-	-	-	-	100.622
Total Obligation Authority (<i>\$ in Millions</i>)	4,491.040	75.231	110.510	77.668	-	77.668	77.902	63.013	73.684	65.073	Continuing	Continuing

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	163.388	245.052	184.491	229.787	-	229.787	235.353	262.554	252.342	273.416	Continuing	Continuing

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:

Javelin provides the US Army and USMC a man-portable, fire-and-forget, medium-range missile with enhanced situational awareness and precision direct-fire effects to defeat armored vehicles, fortifications, and soft targets in range of military operations. Javelin has a high kill rate against a variety of targets at extended ranges under day/night, battlefield obscurants, adverse weather and multiple counter-measure conditions. The system's soft launch feature permits firing from a fighting position or an enclosure. Javelin uses a modular design to allow the system to evolve to meet changing threats and requirements via both software and hardware upgrades. The system consists of a reusable Command Launch Unit (CLU) with a built-in-test (BIT), and a modular missile encased in a disposable launch tube assembly. The system also includes training devices for tactical training and classroom training. Javelin's fire-and-forget technology allows the gunner to fire and immediately take cover, to move to another fighting position, or to reload. The Javelin provides enhanced lethality through the use of a tandem warhead which will defeat all known armor threats. It is effective against both stationary and moving targets. This system also provides defensive capability against attacking/hovering helicopters. The performance improvements in Javelin Block I CLUs are: increased target identification range, increased surveillance time with new battery and software management and external RS-170 interface for video output. The performance improvements in current production Javelin Block I missiles are: increased probability of hit/kill at 2500m, improved warhead lethality, and reduced time of flight. In current conflicts the CLU is being used as a stand-alone surveillance and target acquisition asset. The Army is the lead for this joint program with the USMC.

Secondary Distribution	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	
Army										
	Quantity	307	599	338	-	338	331	240	292	238
	Total Obligation Authority	75.231	110.510	77.668	-	77.668	77.902	63.013	73.684	65.073
Total:	Quantity	307	599	338	-	338	331	240	292	238

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/
Assault Missile Sys **P-1 Line Item Number / Title:**
CC0007 / Javelin (AAWS-M) System Summary

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0604611A

Line Item MDAP/MAIS Code: **Item MDAP/MAIS Code(s):** 280

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Secondary Distribution	Total Obligation Authority	75.231	110.510	77.668	-	77.668	77.902	63.013	73.684	65.073

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - H06102 / JAVELIN (AAWS-M)	P-5, P-5a, P-21		163.388	27,487	4,491.040	245.052	307	75.231	184.491	599	110.510	229.787	338	77.668	-	-	-	229.787	338	77.668
Total Gross/Weapon System Cost			163.388	27,487	4,491.040	245.052	307	75.231	184.491	599	110.510	229.787	338	77.668	-	-	-	229.787	338	77.668

Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - H06102 / JAVELIN (AAWS-M)	P-5, P-5a, P-21		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost			235.353	331	77.902	262.554	240	63.013	252.342	292	73.684	273.416	238	65.073	Continuing			Continuing		

*For Items, Title represents the Item Number / Title [DODIC].

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
FY 15 Base procurement dollars in the amount of \$77.668 million support the procurement of 338 Rounds.

The estimated missile unit prices in FY15 and out are based on combined US Army, other services, and FMS procurements of 850 missiles per year.

The P-40 Breakdown Quantity and Net Procurement lines reflect Javelin Rounds only.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

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Exhibit P-5, Cost Analysis: PB 2015 Army							Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30			MDAP/MAIS Code: 280		P-1 Line Item Number / Title: CC0007 / Javelin (AAWS-M) System Summary			Item Number / Title [DODIC]: H06102 / JAVELIN (AAWS-M)			

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	27,487	307	599	338	-	338	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	4,491.040	75.231	110.510	77.668	-	77.668	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	100.622	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	4,390.418	75.231	110.510	77.668	-	77.668	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	100.622	-	-	-	-	-	-	-	-	-	-	100.622
Total Obligation Authority (<i>\$ in Millions</i>)	4,491.040	75.231	110.510	77.668	-	77.668	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	163.388	245.052	184.491	229.787	-	229.787	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
All Up Round ⁽¹⁾		100.252	27,487	2,755.620	186.498	307	57.255	151.800	449	68.158	173.565	338	58.665	-	-	-	173.565	338	58.665
Engineering Services 1		-	-	175.156	-	-	5.126	-	-	8.890	-	-	6.653	-	-	-	-	-	6.653
Obsolescence/ Cost Reduction Initiatives		-	-	26.802	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Change Orders 1		-	-	14.648	-	-	-	-	-	0.068	-	-	0.059	-	-	-	-	-	0.059
Acceptance Testing		-	-	68.380	-	-	1.275	-	-	0.816	-	-	0.986	-	-	-	-	-	0.986
Fielding 1		-	-	26.343	-	-	-	-	-	0.011	-	-	-	-	-	-	-	-	-
Project Management		-	-	166.101	-	-	6.945	-	-	8.219	-	-	6.747	-	-	-	-	-	6.747
Production Engineering		-	-	107.725	-	-	4.630	-	-	5.480	-	-	4.499	-	-	-	-	-	4.499
Publications/ Technical Data		-	-	3.157	-	-	-	-	-	0.058	-	-	0.059	-	-	-	-	-	0.059
Command Launch Unit		108.316	7,771	841.727	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Services 2		-	-	50.618	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Change Orders 2		-	-	4.327	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLU Fielding		-	-	57.344	-	-	-	-	-	0.616	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2015 Army													Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30						MDAP/MAIS Code: 280			P-1 Line Item Number / Title: CC0007 / Javelin (AAWS-M) System Summary						Item Number / Title [DODIC]: H06102 / JAVELIN (AAWS-M)					

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
CLU Retrofits		84.871	1,513	128.410	-	-	-	121.293	150	18.194	-	-	-	-	-	-	-	-	-
Field Tactical Trainers		18.489	2,481	45.871	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Basic Skills Trainer		15.776	599	9.450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Missile Simulation Round		0.395	5,597	2.213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fielding 2		-	-	5.749	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EPBST Retrofits		27.431	51	1.399	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	4,491.041	-	-	75.231	-	-	110.510	-	-	77.668	-	-	-	-	-	77.668
<i>Subtotal: Flyaway Cost</i>		-	-	4,491.041	-	-	75.231	-	-	110.510	-	-	77.668	-	-	-	-	-	77.668
Gross/Weapon System Cost		163.388	27,487	4,491.040	245.052	307	75.231	184.491	599	110.510	229.787	338	77.668	-	-	-	229.787	338	77.668

Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
All Up Round ⁽¹⁾		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Services 1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Obsolescence/ Cost Reduction Initiatives		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Change Orders 1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acceptance Testing		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fielding 1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Management		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production Engineering		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Publications/ Technical Data		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Command Launch Unit		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Services 2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Change Orders 2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLU Fielding		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2015 Army													Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30						MDAP/MAIS Code: 280			P-1 Line Item Number / Title: CC0007 / Javelin (AAWS-M) System Summary				Item Number / Title [DODIC]: H06102 / JAVELIN (AAWS-M)						

Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
CLU Retrofits		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Tactical Trainers		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Basic Skills Trainer		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Missile Simulation Round		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fielding 2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EPBST Retrofits		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	307	599	338	-	338	-	-	-	-
	Total Obligation Authority	75.231	110.510	77.668	-	77.668	-	-	-	-
Total:	Quantity	307	599	338	-	338	-	-	-	-
Secondary Distribution	Total Obligation Authority	75.231	110.510	77.668	-	77.668	-	-	-	-

(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30	P-1 Line Item Number / Title: CC0007 / Javelin (AAWS-M) System Summary	Item Number / Title [DODIC]: H06102 / JAVELIN (AAWS-M)
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Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
All Up Round ^(†)		2013	JJV All Up Round / Tucson AZ Orlando FL	SS / FFP	AMCOM, Redstone Arsenal, AL	Sep 2013	Aug 2015	307	186.498	N		
All Up Round ^(†)		2014	JJV All Up Round / Tucson AZ Orlando FL	SS / FFP	AMCOM, Redstone Arsenal, AL	May 2014	Apr 2016	449	151.800	N		
All Up Round ^(†)		2015	JJV All Up Round / Tucson AZ Orlando FL	SS / FFP	AMCOM, Redstone Arsenal, AL	Mar 2015	Feb 2017	338	173.565	N		

^(†) indicates the presence of a P-21

Remarks:

Javelin Joint Venture (JJV) includes Raytheon in Tucson, AZ and Lockheed Martin in Orlando, FL.
 Sole Source (SS)
 Firm Fixed Price (FFP)
 Aviation and Missile Command (AMCOM)

Unit prices are affected by combining Army procurement quantities with other U.S. services and foreign military sales quantities. The estimated missile unit price for FY14 was based on a combined quantity of 1000 missiles per year, but FY15 and out are based on a combined quantity of 850 missiles per year.

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Exhibit P-21, Production Schedule: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30 **P-1 Line Item Number / Title:** CC0007 / Javelin (AAWS-M) System Summary **Item Number / Title [DODIC]:** H06102 / JAVELIN (AAWS-M)

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2013												Fiscal Year 2014													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013												Calendar Year 2014												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
All Up Round																															
Prior Years Deliveries: 27487																															
1		2013	ARMY	307	-	307																							307		
1		2013	MC (‡)	142	-	142																							142		
1		2013	FMS (‡)	393	-	393																							393		
1		2013	TOTAL	842	-	842																							842		
1		2014	ARMY	449	-	449																							449		
1		2014	MC (‡)	400	-	400																							400		
1		2014	FMS (‡)	151	-	151																							151		
1		2014	TOTAL	1,000	-	1,000																							1,000		
1		2015	ARMY	338	-	338																							338		
1		2015	MC (‡)	90	-	90																							90		
1		2015	FMS (‡)	422	-	422																							422		
1		2015	TOTAL	850	-	850																							850		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

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Exhibit P-21, Production Schedule: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30 **P-1 Line Item Number / Title:** CC0007 / Javelin (AAWS-M) System Summary **Item Number / Title [DODIC]:** H06102 / JAVELIN (AAWS-M)

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2015													Fiscal Year 2016														
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015													Calendar Year 2016												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	
All Up Round																																
Prior Years Deliveries: 27487																																
1	2013	ARMY	307	-	307	-	-	-	-	-	-	-	-	-	-	-	71	71	70	70	25	-	-	-	-	-	-	-	-	-	-	-
1	2013	MC (‡)	142	-	142	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	70	27	-	-	-	-	-	-	-	-	-
1	2013	FMS (‡)	393	-	393	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	70	70	70	70	70	-	-	-	-	-
1	2013	TOTAL	842	-	842	-	-	-	-	-	-	-	-	-	-	-	71	71	70	70	70	70	70	70	70	70	70	70	70	70	70	
1	2014	ARMY	449	-	449	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	83	83	83	83	83	34	-	
1	2014	MC (‡)	400	-	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	351		
1	2014	FMS (‡)	151	-	151	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1	2014	TOTAL	1,000	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	83	83	83	83	83	83	83	502	
1	2015	ARMY	338	-	338																										338	
1	2015	MC (‡)	90	-	90																										90	
1	2015	FMS (‡)	422	-	422																										422	
1	2015	TOTAL	850	-	850																										850	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Production Schedule: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30 **P-1 Line Item Number / Title:** CC0007 / Javelin (AAWS-M) System Summary **Item Number / Title [DODIC]:** H06102 / JAVELIN (AAWS-M)

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2017													Fiscal Year 2018													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	Calendar Year 2017													Calendar Year 2018											
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
All Up Round																															
Prior Years Deliveries: 27487																															
1	2013	ARMY	307	307	-																										
1	2013	MC (‡)	142	142	-																										
1	2013	FMS (‡)	393	393	-																										
1	2013	TOTAL	842	842	-																										
1	2014	ARMY	449	449	-	-	-	-	-	-	-																				
1	2014	MC (‡)	400	49	351	83	83	83	83	19	-																				
1	2014	FMS (‡)	151	-	151	-	-	-	-	74	77																				
1	2014	TOTAL	1,000	498	502	83	83	83	83	93	77																				
1	2015	ARMY	338	-	338	-	-	-	-	70	70	71	71	56	-	-	-	-	-	-	-	-									
1	2015	MC (‡)	90	-	90	-	-	-	-	-	-	-	-	15	71	4	-	-	-	-	-										
1	2015	FMS (‡)	422	-	422	-	-	-	-	-	-	-	-	-	-	67	71	71	71	71	71	71									
1	2015	TOTAL	850	-	850	-	-	-	-	70	70	71	71	71	71	71	71	71	71	71	71	71									
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Production Schedule: PB 2015 Army	Date: March 2014
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Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30	P-1 Line Item Number / Title: CC0007 / Javelin (AAWS-M) System Summary	Item Number / Title [DODIC]: H06102 / JAVELIN (AAWS-M)
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MFR Ref #	MFR Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	JJV All Up Round - Tucson AZ Orlando FL	70.00	330.00	540.00	11	3	22	25	1	1	22	23

Remarks:
Estimated unit prices for FY15 and out are based on combined U.S. Army, other services and FMS procurements of at least 850 missiles per year. Production rates are monthly rates.

(‡) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule. The first non-gray cell in the Delivery Schedule indicates the Contract Award Date.
Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/
Assault Missile Sys **P-1 Line Item Number / Title:**
C59300 / TOW 2 System Summary

ID Code (A=Service Ready, B=Not Service Ready) :		Program Elements for Code B Items:					Other Related Program Elements:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	164,148	1,403	988	1,008	-	1,008	1,556	586	801	609	-	171,099
Gross/Weapon System Cost (\$ in Millions)	3,158.185	78.476	69.255	70.333	-	70.333	93.212	92.250	94.202	74.659	-	3,730.572
Less PY Advance Procurement (\$ in Millions)	97.471	19.886	19.901	19.965	-	19.965	19.984	-	-	-	-	177.207
Net Procurement (P1) (\$ in Millions)	3,060.714	58.590	49.354	50.368	-	50.368	73.228	92.250	94.202	74.659	-	3,553.365
Plus CY Advance Procurement (\$ in Millions)	117.357	19.901	19.965	19.984	-	19.984	-	-	-	-	-	177.207
Total Obligation Authority (\$ in Millions)	3,178.071	78.491	69.319	70.352	-	70.352	73.228	92.250	94.202	74.659	-	3,730.572
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	19.240	55.934	70.096	69.775	-	69.775	59.905	157.423	117.605	122.593	-	21.804

The FY 2015 OCO Request will be submitted at a later date.

Description:

TOW missiles (BGM-71 Series) are combat proven missiles that provide heavy anti-armor/assault capability to the Army's Infantry Brigade Combat Teams (IBCT), the Stryker Brigade Combat Teams (SBCT) and the Bradley equipped Armor Brigade Combat Team (ABCT). TOW continues to be used consistently in Operation Enduring Freedom (OEF) as the weapon of choice in precision combat engagements. TOW missiles are the primary heavy anti-armor / assault missile for the U.S. Marine Corps (USMC) and 43 allied nations. Warfighters employ TOW missiles against buildings and field fortifications taking advantage of the missile's inherent precision assault capability against such targets.

TOW missiles are launched from a variety of combat systems in the active Army and Army National Guard including the Improved Target Acquisition System (ITAS), all infantry and cavalry variants of Bradley Fighting Vehicle Systems (BFVS), the Stryker Anti-Tank Guided Missile (ATGM), and the M220A2 TOW 2 launcher. The USMC employs the TOW missile from its ITAS launchers, Light Armor Vehicle Anti-tank and AH-1W Cobra helicopters. The TOW missile provides the Warfighter with a highly lethal, cost effective, interoperable, multi-purpose weapon.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	1,403	988	1,008	-	1,008	1,556	586	801	609
	Total Obligation Authority	78.491	69.319	70.352	-	70.352	73.228	92.250	94.202	74.659
Total: Secondary Distribution	Quantity	1,403	988	1,008	-	1,008	1,556	586	801	609
	Total Obligation Authority	78.491	69.319	70.352	-	70.352	73.228	92.250	94.202	74.659

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/
Assault Missile Sys **P-1 Line Item Number / Title:**
C59300 / TOW 2 System Summary

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:**

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - C59403 / TOW Family of Missiles	P-5, P-5a, P-21		19.240	164,148	3,158.185	55.934	1,403	78.476	70.096	988	69.255	69.775	1,008	70.333	-	-	-	69.775	1,008	70.333
Total Gross/Weapon System Cost			19.240	164,148	3,158.185	55.934	1,403	78.476	70.096	988	69.255	69.775	1,008	70.333	-	-	-	69.775	1,008	70.333

Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - C59403 / TOW Family of Missiles	P-5, P-5a, P-21		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost			59.905	1,556	93.212	157.423	586	92.250	117.605	801	94.202	122.593	609	74.659	-	-	-	21.804	171,099	3,730.572

*For Items, Title represents the Item Number / Title [DODIC].

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

FY15 Base procurement dollars in the amount of \$70.352 million supports the fourth year of a five-year (FY12-16) multi-year contract and procures 1008 wireless TOW missiles. FY15 includes \$19.984 million Advance Procurement.

IAW Section 1815 of the FY08 NDAA, this item is necessary for use by the active components and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

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Exhibit P-5, Cost Analysis: PB 2015 Army										Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30				P-1 Line Item Number / Title: C59300 / TOW 2 System Summary						Item Number / Title [DODIC]: C59403 / TOW Family of Missiles			

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	164,148	1,403	988	1,008	-	1,008	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	3,158.185	78.476	69.255	70.333	-	70.333	-	-	-	-	-	-
Less PY Advance Procurement <i>(\$ in Millions)</i>	97.471	19.886	19.901	19.965	-	19.965	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	3,060.714	58.590	49.354	50.368	-	50.368	-	-	-	-	-	-
Plus CY Advance Procurement <i>(\$ in Millions)</i>	117.357	19.901	19.965	19.984	-	19.984	-	-	-	-	-	177.207
Total Obligation Authority <i>(\$ in Millions)</i>	3,178.071	78.491	69.319	70.352	-	70.352	-	-	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Thousands)</i>	19.240	55.934	70.096	69.775	-	69.775	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
Non-Recurring		-	-	16.571	-	-	2.000	-	-	2.000	-	-	-	-	-	-	-	-	-
Missile Contract ^(†)		-	-	3,052.784	46.471	1,403	65.199	58.603	988	57.900	58.908	1,008	59.379	-	-	-	58.908	1,008	59.379
Engineering Services		-	-	21.336	-	-	3.513	-	-	2.106	-	-	2.327	-	-	-	-	-	2.327
Acceptance Testing		-	-	2.834	-	-	0.479	-	-	0.488	-	-	1.445	-	-	-	-	-	1.445
Project Mgt Admin		-	-	16.305	-	-	7.270	-	-	6.697	-	-	7.163	-	-	-	-	-	7.163
Less: Prior Year Adv Proc		-	-	-97.471	-	-	-19.886	-	-	-19.901	-	-	-19.965	-	-	-	-	-	-19.965
PLUS P-1 CY Adv. Proc.		-	-	145.826	-	-	19.901	-	-	19.965	-	-	19.984	-	-	-	-	-	19.984
<i>Subtotal: Recurring Cost</i>		-	-	3,158.185	-	-	78.476	-	-	69.255	-	-	70.333	-	-	-	-	-	70.333
<i>Subtotal: Flyaway Cost</i>		-	-	3,158.185	-	-	78.476	-	-	69.255	-	-	70.333	-	-	-	-	-	70.333
Gross/Weapon System Cost		19.240	164,148	3,158.185	55.934	1,403	78.476	70.096	988	69.255	69.775	1,008	70.333	-	-	-	69.775	1,008	70.333

Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
Non-Recurring		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2015 Army													Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30						P-1 Line Item Number / Title: C59300 / TOW 2 System Summary						Item Number / Title [DODIC]: C59403 / TOW Family of Missiles							

Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Missile Contract ^(t)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Services		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acceptance Testing		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Mgt Admin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Less: Prior Year Adv Proc		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PLUS P-1 CY Adv. Proc.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	1,403	988	1,008	-	1,008	-	-	-	-
	Total Obligation Authority	78.491	69.319	70.352	-	70.352	-	-	-	-
Total: Secondary Distribution	Quantity	1,403	988	1,008	-	1,008	-	-	-	-
	Total Obligation Authority	78.476	69.255	70.333	-	70.333	-	-	-	-

(t) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30	P-1 Line Item Number / Title: C59300 / TOW 2 System Summary	Item Number / Title [DODIC]: C59403 / TOW Family of Missiles
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Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Missile Contract ^(†)		2013	Raytheon / Tucson, AZ	SS / FFP	AMCOM, Redstone Arsenal, AL	Apr 2013	Dec 2014	1,403	46.471	N		
Missile Contract ^(†)		2014	Raytheon / Tucson, AZ	SS / FFP	AMCOM, Redstone Arsenal, AL	Nov 2013	Nov 2015	988	58.603	N		
Missile Contract ^(†)		2015	Raytheon / Tucson, AZ	SS / FFP	AMCOM, Redstone Arsenal, AL	Dec 2014	Jun 2016	1,008	58.908	N		

Advance Procurement

Warhead		2013	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2013	Aug 2014	7,698	1.000			
Warhead		2014	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2014	Aug 2015	6,999	1.000			
Warhead		2015	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2015	Jan 2015	7,018	1.000			
Launch Motor		2013	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2013	Mar 2014	1,537	1.000			
Launch Motor		2014	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2014	Mar 2015	905	1.000			
Launch Motor		2015	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2015	Jan 2015	905	1.000			
Flight Motor		2013	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2013	Jan 2014	289	1.000			
Flight Motor		2014	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2014	Jan 2015	170	1.000			
Flight Motor		2015	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2015	Jan 2015	170	1.000			
2B Sensor		2013	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2013	Jul 2014	4,705	1.000			
2B Sensor		2014	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2014	Jul 2015	8,533	1.000			
2B Sensor		2015	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2015	Jan 2015	8,533	1.000			
Gyro		2013	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2013	Feb 2014	2,628	1.000			
Gyro		2014	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2014	Feb 2015	1,548	1.000			
Gyro		2015	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2015	Jan 2015	1,548	1.000			
Flight Motor Case Kit		2013	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2013	Nov 2013	597	1.000			
Flight Motor Case Kit		2014	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2014	Nov 2014	351	1.000			

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Exhibit P-5a, Procurement History and Planning: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30	P-1 Line Item Number / Title: C59300 / TOW 2 System Summary	Item Number / Title [DODIC]: C59403 / TOW Family of Missiles
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Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Flight Motor Case Kit		2015	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2015	Jan 2015	351	1.000			
Control Surface Actuators		2013	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2013	Feb 2014	1,555	1.000			
Control Surface Actuators		2014	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2014	Feb 2015	916	1.000			
Control Surface Actuators		2015	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2015	Jan 2015	916	1.000			
Beacon Shutter Actuator		2013	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2013	Dec 2013	922	1.000			
Beacon Shutter Actuator		2014	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2014	Dec 2014	543	1.000			
Beacon Shutter Actuator		2015	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2015	Jan 2015	543	1.000			

(†) indicates the presence of a P-21

Remarks:

Raytheon is currently the only industry source that is both facillitized and qualified to produce TOW missiles.

AMCOM Aviation Missile Command
 FFP Firm Fixed Price
 MY Multi-Year

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Exhibit P-21, Production Schedule: PB 2015 Army																Date: March 2014								
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30										P-1 Line Item Number / Title: C59300 / TOW 2 System Summary										Item Number / Title [DODIC]: C59403 / TOW Family of Missiles				

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2013												Fiscal Year 2014													
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 2	BAL D U E A S O F 1 O C T	Calendar Year 2013												Calendar Year 2014												B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
Missile Contract																															
1	2013	ARMY (I)	1,403	-	1,403																							1,403			
1	2013	MC (†) (II)	548	-	548																							548			
1	2013	TOTAL	1,951	-	1,951																							1,951			
1	2014	ARMY (III)	988	-	988																							988			
1	2014	MC (†) (IV)	221	-	221																							221			
1	2014	TOTAL	1,209	-	1,209																							1,209			
1	2015	ARMY (V)	1,008	-	1,008																							1,008			
1	2015	MC (†) (VI)	60	-	60																							60			
1	2015	TOTAL	1,068	-	1,068																							1,068			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Production Schedule: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30 **P-1 Line Item Number / Title:** C59300 / TOW 2 System Summary **Item Number / Title [DODIC]:** C59403 / TOW Family of Missiles

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2015													Fiscal Year 2016																																		
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015													Calendar Year 2016																																
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L																					
Missile Contract																																																				
1	2013	ARMY (I)	1,403	-	1,403	-	-	175	175	175	175	175	175	175	175	175	175	3	-	-	-													-																		
1	2013	MC (†) (II)	548	-	548	-	-	-	-	-	-	-	-	-	-	-	-	172	175	175	26													-																		
1	2013	TOTAL	1,951	-	1,951	-	-	175	175	175	175	175	175	175	175	175	175	175	175	175	26													-																		
1	2014	ARMY (III)	988	-	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	149	175	175	175	175	139	-	-	-																								
1	2014	MC (†) (IV)	221	-	221	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	175	10			-																								
1	2014	TOTAL	1,209	-	1,209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	149	175	175	175	175	175	175	175	10	-																							
1	2015	ARMY (V)	1,008	-	1,008			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	165	175	175	175	318																						
1	2015	MC (†) (VI)	60	-	60			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60																							
1	2015	TOTAL	1,068	-	1,068			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	165	175	175	175	378																						
<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr> <td>O C C O</td> <td>N O V</td> <td>D E C</td> <td>J A N</td> <td>F E B</td> <td>M A R</td> <td>A P R</td> <td>M A Y</td> <td>J U N</td> <td>J U L</td> <td>A U G</td> <td>S E P</td> <td>O C T</td> <td>N O V</td> <td>D E C</td> <td>J A N</td> <td>F E B</td> <td>M A R</td> <td>A P R</td> <td>M A Y</td> <td>J U N</td> <td>J U L</td> <td>A U G</td> <td>S E P</td> <td>B A L</td> </tr> </table>																												O C C O	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
O C C O	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L																												

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Exhibit P-21, Production Schedule: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30 **P-1 Line Item Number / Title:** C59300 / TOW 2 System Summary **Item Number / Title [DODIC]:** C59403 / TOW Family of Missiles

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2017												Fiscal Year 2018														
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 6	BAL D U E A S O F 1 O C T	Calendar Year 2017												Calendar Year 2018												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
Missile Contract																															
	1	2013	ARMY (I)	1,403	1,403	-																									
	1	2013	MC (†) (II)	548	548	-																									
	1	2013	TOTAL	1,951	1,951	-																									
	1	2014	ARMY (III)	988	988	-																									
	1	2014	MC (†) (IV)	221	221	-																									
	1	2014	TOTAL	1,209	1,209	-																									
	1	2015	ARMY (V)	1,008	690	318	175	143	-																						
	1	2015	MC (†) (VI)	60	-	60	-	32	28																						
	1	2015	TOTAL	1,068	690	378	175	175	28																						
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

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Exhibit P-21, Production Schedule: PB 2015 Army	Date: March 2014
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Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30	P-1 Line Item Number / Title: C59300 / TOW 2 System Summary	Item Number / Title [DODIC]: C59403 / TOW Family of Missiles
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MFR Ref #	MFR Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Raytheon - Tucson, AZ	175.00	600.00	1,400.00	3	2	16	18	3	2	16	18

Remarks:
 Multiyear contracts do not follow the Administrative Lead Time or MFR shown for annual year contracts. Production rates are by month.FY12-16 Army MultiYear: 6052.FY12 USMC: 729.FY13 USMC: 548.FY14 USMC: 221.FY15 USMC: 60.

(‡) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.
 The first non-gray cell in the Delivery Schedule indicates the Contract Award Date.
 Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

Service/Agency Suffixes:

- (I) BASE
- (II) BASE
- (III) BASE
- (IV) OCO
- (V) BASE
- (VI) OCO

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Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/ Assault Missile Sys	P-1 Line Item Number / Title: C59300 / TOW 2 System Summary
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Resource Summary	Prior Years	Program Elements for Code B Items:					Other Related Program Elements:					
		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Gross/Weapon System Cost (\$ in Millions)	117.357	19.901	19.965	19.984	-	19.984	-	-	-	-	-	177.207
Net Procurement (P1) (\$ in Millions)	117.357	19.901	19.965	19.984	-	19.984	-	-	-	-	-	177.207
Total Obligation Authority (\$ in Millions)	117.357	19.901	19.965	19.984	-	19.984	-	-	-	-	-	177.207

Description:

Description:
TOW missiles (BGM-71 Series) are combat proven missiles that provide heavy anti-armor/assault capability to the Army's Infantry Brigade Combat Teams (IBCT), the Stryker Brigade Combat Teams (SBCT) and the Bradley equipped Armor Brigade Combat Team (ABCT). TOW continues to be used consistently in Operation Enduring Freedom (OEF) as the weapon of choice in precision combat engagements. TOW missiles are the primary heavy anti-armor / assault missile for the U.S. Marine Corps (USMC) and 43 allied nations. Warfighters employ TOW missiles against buildings and field fortifications taking advantage of the missile's inherent precise assault capability against such targets.

TOW missiles are launched from a variety of combat systems in the active Army and Army National Guard including the Improved Target Acquisition System (ITAS), all infantry and cavalry variants of Bradley Fighting Vehicle Systems (BFVS), the Stryker Anti-Tank Guided Missile (ATGM), and the M220A2 TOW 2 launcher. The USMC employs the TOW missile from its ITAS launchers, Light Armor Vehicle Anti-tank and AH-1W Cobra helicopters. The TOW missile provides the Warfighter with a highly lethal, cost effective, interoperable, multi-purpose weapon.

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - C59403 / TOW Family of Missiles	P-10			117.357			19.901			19.965			19.984			-			19.984	
Total Gross/Weapon System Cost				117.357			19.901			19.965			19.984			-			19.984	

Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - C59403 / TOW Family of Missiles	P-10			-			-			-			-			-			177.207	
Total Gross/Weapon System Cost				-			-			-			-			-			177.207	

*For Items, Title represents the Item Number / Title [DODIC].

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

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Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/ Assault Missile Sys		P-1 Line Item Number / Title: C59300 / TOW 2 System Summary
ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements:
FY15 Base advance procurement dollars in the amount of \$19.984 million supports the fourth year of a five-year (FY12-16) multi-year contract and supports the acquisition of TOW missile variants.		
All funding supports the Active Component.		

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Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification): PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30	P-1 Line Item Number / Title: C59300 / TOW 2 System Summary	P-5 Number / Title: C59403 / TOW Family of Missiles
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ID Code (A=Service Ready, B=Not Service Ready) :

First System (2015) Award Date: August 2012	First System (2015) Completion Date: March 2014	Interval Between Systems: 12 Months
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	Production Leadtime (Months)	Prior Years (Each)	FY 2013 (Each)	FY 2014 (Each)	FY 2015 (Each)	FY 2016 (Each)	FY 2017 (Each)	FY 2018 (Each)	FY 2019 (Each)	To Complete (Each)	Total (Each)
TOW Family of Missiles											
Quantity		164,148	1,403	988	1,008	-	-	-	-	-	-

	When Rqd (Months)	Prior Years (\$ M)	FY 2013 (\$ M)	FY 2014 (\$ M)	FY 2015 (\$ M)	FY 2016 (\$ M)	FY 2017 (\$ M)	FY 2018 (\$ M)	FY 2019 (\$ M)	To Complete (\$ M)	Total (\$ M)
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Other											
Warhead (†)	19	50.373	6.935	6.999	7.018	-	-	-	-	-	-
Launch Motor (†)	14	6.588	0.905	0.905	0.905	-	-	-	-	-	-
Flight Motor (†)	12	2.308	0.170	0.170	0.170	-	-	-	-	-	-
2B Sensor (†)	18	62.115	8.533	8.533	8.533	-	-	-	-	-	-
Gyro (†)	13	11.268	1.548	1.548	1.548	-	-	-	-	-	-
Flight Motor Case Kit (†)	10	2.555	0.351	0.351	0.351	-	-	-	-	-	-
Control Surface Actuators (†)	13	6.668	0.916	0.916	0.916	-	-	-	-	-	-
Beacon Shutter Actuator (†)	11	3.951	0.543	0.543	0.543	-	-	-	-	-	-
<i>Total: Other</i>		<i>145.826</i>	<i>19.901</i>	<i>19.965</i>	<i>19.984</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
Total Advance Procurement/Obligation Authority		117.357	19.901	19.965	19.984	-	-	-	-	-	177.207

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Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30	P-1 Line Item Number / Title: C59300 / TOW 2 System Summary	P-5 Number / Title: C59403 / TOW Family of Missiles
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ID Code (A=Service Ready, B=Not Service Ready) :

Cost Elements	QPA <i>(Each)</i>	FY 2015					Total Cost Request <i>(\$ M)</i>
		Production Leadtime <i>(Months)</i>	Unit Cost <i>(\$ K)</i>	Contract Forecast Date	2015 Qty <i>(Each)</i>	For FY	
Other							
Warhead ^(†)	-	-	1.000	Jan 2015	7,018		7.018
Launch Motor ^(†)	-	-	1.000	Jan 2015	905		0.905
Flight Motor ^(†)	-	-	1.000	Jan 2015	170		0.170
2B Sensor ^(†)	-	-	1.000	Jan 2015	8,533		8.533
Gyro ^(†)	-	-	1.000	Jan 2015	1,548		1.548
Flight Motor Case Kit ^(†)	-	-	1.000	Jan 2015	351		0.351
Control Surface Actuators ^(†)	-	-	1.000	Jan 2015	916		0.916
Beacon Shutter Actuator ^(†)	-	-	1.000	Jan 2015	543		0.543
<i>Total: Other</i>							19.984
Total Advance Procurement/Obligation Authority							19.984

Description:

Advance Procurement funding in FY12, FY13, FY14 and FY15 procures items to support the FY12-16 multi-year contract for 6,885 TOW (BGM-71 Series) missiles.

^(†) indicates the presence of Contract Data presented in the associated P-5 Item's P-5a exhibit.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/
Assault Missile Sys

P-1 Line Item Number / Title:
C64400 / Guided MLRS Rocket (GMLRS)

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0603778A

Line Item MDAP/MAIS Code: **Item MDAP/MAIS Code(s):** 260

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	20,590	1,782	2,112	534	-	534	1,029	795	1,009	265	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2,764.402	214.288	273.025	127.145	-	127.145	194.775	167.250	190.934	90.792	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	2,764.402	214.288	273.025	127.145	-	127.145	194.775	167.250	190.934	90.792	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	2,764.402	214.288	273.025	127.145	-	127.145	194.775	167.250	190.934	90.792	Continuing	Continuing

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	134.259	120.251	129.273	238.099	-	238.099	189.286	210.377	189.231	342.611	Continuing	Continuing

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:

Guided Multiple Launch Rocket System (GMLRS) rockets are surface-to-surface artillery rockets fired from the Multiple Launch Rocket System (MLRS) and High Mobility Artillery Rocket System (HIMARS) launchers. Dual GMLRS rockets provide 24/7, all-weather precision fires to engage both area and point targets at short, medium, and long ranges. The U.S. Marine Corps also procures GMLRS rockets through the Army project office.

The GMLRS Program consists of three separate increments. GMLRS Dual Purpose Improved Conventional Munition (DPICM) was the first increment. It is a cluster munition that replaced the shorter range MLRS rockets to engage area or imprecisely located targets. GMLRS DPICM Production was terminated in response to the June 2008 Department of Defense (DoD) Cluster Munitions Policy. GMLRS Unitary is the second increment that utilizes a 200 lb high explosive warhead to engage point targets with limited collateral damage. GMLRS Unitary is currently in its sixth year of full rate production through annual production contracts. GMLRS Alternative Warhead (AW) is being developed as a non-cluster munition to replace GMLRS DPICM. The Program is currently in the EMD Phase and scheduled to enter full rate production in FY15. The GMLRS AW rocket is 90% common with the Unitary variant. The U.S. Army continues to execute the GMLRS Program with no major cost, schedule, or performance issues.

GMLRS Procurement funding (C64400) includes GMLRS full rate production (C64400) as well as the procurement of Multiple Launch Rocket System (MLRS) Common Test Devices (C65406).

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - C65404 / GUIDED MLRS ROCKET (GMLRS)	P-5, P-5a, P-21		134.156	20,590	2,762.280	120.251	1,782	214.288	129.068	2,112	272.592	237.279	534	126.707	-	-	-	237.279	534	126.707

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/
Assault Missile Sys **P-1 Line Item Number / Title:**
C64400 / Guided MLRS Rocket (GMLRS)

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0603778A

Line Item MDAP/MAIS Code: **Item MDAP/MAIS Code(s):** 260

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - C65406 / GMLRS Training Devices	P-40a***		-	-	2.122	-	-	-	-	-	0.433	-	-	0.438	-	-	-	-	-	0.438
Total Gross/Weapon System Cost			134.259	20,590	2,764.402	120.251	1,782	214.288	129.273	2,112	273.025	238.099	534	127.145	-	-	-	238.099	534	127.145

*** Although this is an Exhibit P-40a item, the actual exhibit is not included since all of the required information for this item is already being shown here.

*For Items, Title represents the Item Number / Title [DODIC].

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
 FY 2015 Base procurement dollars in the amount of \$127.145 million supports the acquisition of 534 GMLRS Unitary rockets for the United States Army and procures the support and equipment for maintenance and obsolescence issues with the fielded Multiple Launch Rocket System Common Test Device (MCTD) Trainers hardware and software. The Army Procurement Objective is 43560 Rockets.

 FY2015 Base procurement dollars in the amount of \$.442 million supports the acquisition of support and equipment for maintenance and obsolescence issues with the fielded MCTD Trainers hardware and software.

 All funding goes to the Active Component.

 The column on the Tactical GMLRS line in the P-5 for base rockets includes base rocket quantity cost and other production contract CLINs such as Army Integrated Logistic Support (ILS) and Obsolescence.

 In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

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Exhibit P-5, Cost Analysis: PB 2015 Army				Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30		MDAP/MAIS Code: 260	P-1 Line Item Number / Title: C64400 / Guided MLRS Rocket (GMLRS)			Item Number / Title [DODIC]: C65404 / GUIDED MLRS ROCKET (GMLRS)		

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity (Units in Each)	20,590	1,782	2,112	534	-	534
Gross/Weapon System Cost (\$ in Millions)	2,762.280	214.288	272.592	126.707	-	126.707
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	2,762.280	214.288	272.592	126.707	-	126.707
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	2,762.280	214.288	272.592	126.707	-	126.707

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	134.156	120.251	129.068	237.279	-	237.279

The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
Tactical GMLRS ^(†)		765.025	3,194	2,443.490	96.590	1,782	172.123	110.255	2,112	232.859	167.195	534	89.282	-	-	-	167.195	534	89.282
Engineering Services		-	-	69.118	-	-	7.659	-	-	7.766	-	-	7.913	-	-	-	-	-	7.913
Ind Maint/Init Prod Fac		-	-	55.971	-	-	-	-	-	3.039	-	-	3.177	-	-	-	-	-	3.177
Government Test		-	-	32.516	-	-	6.123	-	-	6.208	-	-	6.326	-	-	-	-	-	6.326
First Destination Transportation		-	-	3.226	-	-	0.263	-	-	0.319	-	-	0.136	-	-	-	-	-	0.136
Production Engineering Support		-	-	107.278	-	-	17.291	-	-	17.123	-	-	14.495	-	-	-	-	-	14.495
Project Management Admin		-	-	48.431	-	-	5.529	-	-	5.278	-	-	5.378	-	-	-	-	-	5.378
MCTD Upgrades-Software Engineering		-	-	2.250	-	-	5.300	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	2,762.280	-	-	214.288	-	-	272.592	-	-	126.707	-	-	-	-	-	126.707
<i>Subtotal: Flyaway Cost</i>		-	-	2,762.280	-	-	214.288	-	-	272.592	-	-	126.707	-	-	-	-	-	126.707
Gross/Weapon System Cost		134.156	20,590	2,762.280	120.251	1,782	214.288	129.068	2,112	272.592	237.279	534	126.707	-	-	-	237.279	534	126.707

(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2015 Army							Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30			P-1 Line Item Number / Title: C64400 / Guided MLRS Rocket (GMLRS)				Item Number / Title [DODIC]: C65404 / GUIDED MLRS ROCKET (GMLRS)					

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Tactical GMLRS ^(†)		2012	Lockheed Martin M.&F.C Sys. / Dallas, TX	SS / FFP	AMCOM	Jun 2012	Jul 2013	3,194	92.561	N		May 2011
Tactical GMLRS ^(†)		2013	Lockheed Martin M.&F.C Sys. / Dallas, TX	SS / FFP	AMCOM	Dec 2012	Jan 2014	1,782	96.590	N		Aug 2012
Tactical GMLRS ^(†)		2014	Lockheed Martin M.&F.C Sys. / Dallas, TX	SS / FFP	AMCOM	Dec 2013	Jan 2015	2,112	110.255	N		Aug 2013
Tactical GMLRS ^(†)		2015	Lockheed Martin M.&F.C Sys. / Dallas, TX	SS / FFP	AMCOM	Dec 2014	Jan 2016	534	167.195	N		Aug 2014

^(†) indicates the presence of a P-21

Remarks:

Lockheed Martin is currently the industry source that is both facilitized and qualified to produce the GMLRS rocket.

*Sole Source/Firm Fixed Price

**Aviation and Missile Command, Redstone Arsenal, Alabama

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Exhibit P-21, Production Schedule: PB 2015 Army					Date: March 2014									
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30			P-1 Line Item Number / Title: C64400 / Guided MLRS Rocket (GMLRS)						Item Number / Title [DODIC]: C65404 / GUIDED MLRS ROCKET (GMLRS)					

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2012													Fiscal Year 2013														
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012												Calendar Year 2013														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		
Tactical GMLRS																																	
1		2012	ARMY	3,194	-	3,194											-	-	-	-	-	-	-	-	-	-	-	-	-	266	267	267	2,394
1		2012	MC (+)	96	-	96											-	-	-	-	-	-	-	-	-	-	-	-	-	8	8	8	72
1		2012	TOTAL	3,290	-	3,290											-	-	-	-	-	-	-	-	-	-	-	-	-	274	275	275	2,466
1		2013	ARMY	1,782	-	1,782																											1,782
1		2013	MC (+)	1,398	-	1,398																											1,398
1		2013	TOTAL	3,180	-	3,180																											3,180
1		2014	ARMY	2,112	-	2,112																											2,112
1		2014	MC (+)	36	-	36																											36
1		2014	TOTAL	2,148	-	2,148																											2,148
1		2015	ARMY	534	-	534																											534
1		2015	MC (+)	420	-	420																											420
1		2015	TOTAL	954	-	954																											954

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Exhibit P-21, Production Schedule: PB 2015 Army														Date: March 2014																											
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30														P-1 Line Item Number / Title: C64400 / Guided MLRS Rocket (GMLRS)														Item Number / Title [DODIC]: C65404 / GUIDED MLRS ROCKET (GMLRS)													

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2014														Fiscal Year 2015																	
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014														Calendar Year 2015																
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L						
Tactical GMLRS																																					
1	2012	ARMY	3,194	800	2,394	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	-	
1	2012	MC (†)	96	24	72	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	-	
1	2012	TOTAL	3,290	824	2,466	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	-
1	2013	ARMY	1,782	-	1,782	-	-	-	144	126	126	126	126	126	126	162	174	174	180	180	138																-
1	2013	MC (†)	1,398	-	1,398	-	-	-	81	100	100	100	100	100	100	249	119	120	125	120	84																-
1	2013	TOTAL	3,180	-	3,180	-	-	-	225	226	226	226	226	226	226	411	293	294	305	300	222																-
1	2014	ARMY	2,112	-	2,112																																483
1	2014	MC (†)	36	-	36																																9
1	2014	TOTAL	2,148	-	2,148																																492
1	2015	ARMY	534	-	534																																534
1	2015	MC (†)	420	-	420																																420
1	2015	TOTAL	954	-	954																																954
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L							

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Exhibit P-21, Production Schedule: PB 2015 Army															Date: March 2014														
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30										P-1 Line Item Number / Title: C64400 / Guided MLRS Rocket (GMLRS)										Item Number / Title [DODIC]: C65404 / GUIDED MLRS ROCKET (GMLRS)									

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2016														Fiscal Year 2017																				
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016														Calendar Year 2017														B A L				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P									
Tactical GMLRS																																							
	1	2012	ARMY	3,194	3,194	-																															-		
	1	2012	MC (†)	96	96	-																															-		
	1	2012	TOTAL	3,290	3,290	-																															-		
	1	2013	ARMY	1,782	1,782	-																															-		
	1	2013	MC (†)	1,398	1,398	-																															-		
	1	2013	TOTAL	3,180	3,180	-																															-		
	1	2014	ARMY	2,112	1,629	483	181	180	122																												-		
	1	2014	MC (†)	36	27	9	3	3	3																												-		
	1	2014	TOTAL	2,148	1,656	492	184	183	125																												-		
	1	2015	ARMY	534	-	534	-	-	-	46	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	38	-
	1	2015	MC (†)	420	-	420	-	-	-	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	-	
	1	2015	TOTAL	954	-	954	-	-	-	81	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	73	-		

O C C O	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
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Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30		P-1 Line Item Number / Title: C64400 / Guided MLRS Rocket (GMLRS)
		Item Number / Title [DODIC]: C65404 / GUIDED MLRS ROCKET (GMLRS)

MFR Ref #	MFR Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Lockheed Martin M.&F.C Sys. - Dallas, TX	154.00	250.00	500.00	8	2	11	13	-	2	11	13

Remarks:
 Production of GMLRS varies as this program shares a production line with LCRRPRs. There are no production gaps during months that GMLRS are not being produced as LCRRPRs Rocket production continues. For FY13 there have been no Letters of Request for FMS procurement of GMLRS rockets.

(‡) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.

The first non-gray cell in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/
Assault Missile Sys **P-1 Line Item Number / Title:**
C65405 / MLRS Reduced Range Practice Rockets (RRPR)

ID Code (A=Service Ready, B=Not Service Ready) :		Program Elements for Code B Items:					Other Related Program Elements: 0210602A					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	2,370	11,210	2,412	2,994	-	2,994	3,121	2,988	3,006	3,306	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	137.634	16.048	19.022	21.274	-	21.274	21.702	22.130	22.667	25.182	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	137.634	16.048	19.022	21.274	-	21.274	21.702	22.130	22.667	25.182	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	137.634	16.048	19.022	21.274	-	21.274	21.702	22.130	22.667	25.182	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	58.073	1.432	7.886	7.106	-	7.106	6.954	7.406	7.541	7.617	Continuing	Continuing

The FY 2015 OCO Request will be submitted at a later date.

Description:

The Multiple Launch Rocket System (MLRS) Low Cost Reduced Range Practice Rocket (RRPR) is the only live training rocket for High Mobility Artillery Rocket System (HIMARS) and M270/M270A1 MLRS Launcher units/crews. RRPR meets a critical validated requirement for Active and National Guard HIMARS and M270A1 launcher units to achieve and maintain combat readiness. HIMARS and M270A1 Battalions are organic and attached to modular Fires Brigades supporting Brigade Combat Teams (BCTs), Joint Expeditionary Force, and Joint Special Operations Force combatant commanders. The training rocket has an inert payload section and blunt nose for inducing reduced range for use at multiple facilities in the United States and foreign countries.

RRPRs are manufactured by Lockheed Martin in Camden, Arkansas.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	1,270	1,360	1,703	-	1,703	1,830	1,705	1,575	2,058
	Total Obligation Authority	9.000	10.800	12.597	-	12.597	13.218	13.808	13.980	15.284
ANG	Quantity	9,940	1,052	1,291	-	1,291	1,291	1,283	1,431	1,248
	Total Obligation Authority	7.048	8.222	8.677	-	8.677	8.484	8.322	8.687	9.898
Total: Secondary Distribution	Quantity	11,210	2,412	2,994	-	2,994	3,121	2,988	3,006	3,306
	Total Obligation Authority	16.048	19.022	21.274	-	21.274	21.702	22.130	22.667	25.182

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/
Assault Missile Sys **P-1 Line Item Number / Title:**
C65405 / MLRS Reduced Range Practice Rockets (RRPR)

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0210602A

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - C65405 / MLRS Reduced Range Practice Rockets (RRPR)	P-5, P-5a, P-21		58.073	2,370	137.634	1.432	11,210	16.048	7.886	2,412	19.022	7.106	2,994	21.274	-	-	-	7.106	2,994	21.274
Total Gross/Weapon System Cost			58.073	2,370	137.634	1.432	11,210	16.048	7.886	2,412	19.022	7.106	2,994	21.274	-	-	-	7.106	2,994	21.274

*For Items, Title represents the Item Number / Title [DODIC].

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

FY2015 Base procurement dollars in the amount of \$21.274 million support funding to procure 2994 RRPRs which are required to maintain the practice rocket inventory for Standards in Training Commission (STRC) requirements.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

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Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30	P-1 Line Item Number / Title: C65405 / MLRS Reduced Range Practice Rockets (RRPR)	Item Number / Title [DODIC]: C65405 / MLRS Reduced Range Practice Rockets (RRPR)

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity (Units in Each)	2,370	11,210	2,412	2,994	-	2,994
Gross/Weapon System Cost (\$ in Millions)	137.634	16.048	19.022	21.274	-	21.274
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	137.634	16.048	19.022	21.274	-	21.274
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	137.634	16.048	19.022	21.274	-	21.274

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	58.073	1.432	7.886	7.106	-	7.106

The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
Reduced Range Practice Rocket (LCRRPR) ^(†)		42.775	2,370	101.376	4.722	2,430	11.475	5.990	2,412	14.448	5.329	2,994	15.956	-	-	-	5.329	2,994	15.956
Warheads Govt Furnished Equip (GFE)		-	-	12.727	-	-	1.717	-	-	1.716	-	-	2.147	-	-	-	-	-	2.147
Engineering Services		-	-	3.634	-	-	0.298	-	-	0.302	-	-	0.308	-	-	-	-	-	0.308
Test and Evaluation		-	-	2.959	-	-	0.427	-	-	0.411	-	-	0.443	-	-	-	-	-	0.443
First Destination Transportation		-	-	0.721	-	-	0.016	-	-	0.016	-	-	0.180	-	-	-	-	-	0.180
Project Management Admin		-	-	7.865	-	-	0.682	-	-	0.646	-	-	0.697	-	-	-	-	-	0.697
Production Engineering Support		-	-	8.352	-	-	1.433	-	-	1.483	-	-	1.543	-	-	-	-	-	1.543
Subtotal: Recurring Cost		-	-	137.635	-	-	16.047	-	-	19.022	-	-	21.273	-	-	-	-	-	21.273
Subtotal: Flyaway Cost		-	-	137.635	-	-	16.047	-	-	19.022	-	-	21.273	-	-	-	-	-	21.273
Gross/Weapon System Cost		58.073	2,370	137.634	1.432	11,210	16.048	7.886	2,412	19.022	7.106	2,994	21.274	-	-	-	7.106	2,994	21.274

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	1,270	1,360	1,703	-	1,703

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Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30	P-1 Line Item Number / Title: C65405 / MLRS Reduced Range Practice Rockets (RRPR)	Item Number / Title [DODIC]: C65405 / MLRS Reduced Range Practice Rockets (RRPR)

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
	Total Obligation Authority	9.000	10.800	12.597	-	12.597
ANG	Quantity	9,940	1,052	1,291	-	1,291
	Total Obligation Authority	7.048	8.222	8.677	-	8.677
Total:	Quantity	11,210	2,412	2,994	-	2,994
Secondary Distribution	Total Obligation Authority	16.048	19.022	21.274	-	21.274

(t) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2015 Army								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30			P-1 Line Item Number / Title: C65405 / MLRS Reduced Range Practice Rockets (RRPR)					Item Number / Title [DODIC]: C65405 / MLRS Reduced Range Practice Rockets (RRPR)				
Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
Reduced Range Practice Rocket (LCRRPR) ^(†)		2012	Lockheed Martin / Dallas	SS / FFP	AMCOM, RSA, AL	Jun 2012	Jul 2013	2,370	5.650	N		May 2011
Reduced Range Practice Rocket (LCRRPR) ^(†)		2013	Lockheed Martin / Dallas	SS / FFP	AMCOM, RSA,AL	Dec 2012	Jan 2014	2,430	4.722	N		Jul 2012
Reduced Range Practice Rocket (LCRRPR) ^(†)		2014	Lockheed Martin / Dallas	SS / FFP	AMCOM, RSA, AL	Dec 2013	Jan 2015	2,412	5.990	N		Aug 2013
Reduced Range Practice Rocket (LCRRPR) ^(†)		2015	Lockheed Martin / Dallas	SS / FFP	AMCOM,RSA,AL	Dec 2014	Jan 2016	2,994	5.329	N		Aug 2014

^(†) indicates the presence of a P-21

Remarks:

Lockheed Martin is currently the industry source that is both facilitized and qualified to produce the Low Cost Reduced Range Practice Rocket.

* Sole source/Firm Fixed Price

** Aviation and Missile Command, Redstone Arsenal, AL

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2015 Army														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30							P-1 Line Item Number / Title: C65405 / MLRS Reduced Range Practice Rockets (RRPR)							Item Number / Title [DODIC]: C65405 / MLRS Reduced Range Practice Rockets (RRPR)					

Cost Elements (Units in Each)						Fiscal Year 2012												Fiscal Year 2013																		
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012												Calendar Year 2013																	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L					
Reduced Range Practice Rocket (LCRRPR)																																				
1		2012	ARMY	2,370	-	2,370																														
1		2012	MC (†)	630	-	630																														
1		2012	TOTAL	3,000	-	3,000																														
1		2013	ARMY (VII)	2,430	-	2,430																														
1		2013	MC (†) (VIII)	732	-	732																														
1		2013	TOTAL	3,162	-	3,162																														
1		2014	ARMY (IX)	2,412	-	2,412																														
1		2014	MC (†) (X)	204	-	204																														
1		2014	TOTAL	2,616	-	2,616																														
1		2015	ARMY (XI)	2,994	-	2,994																														
1		2015	MC (†) (XII)	642	-	642																														
1		2015	TOTAL	3,636	-	3,636																														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L					

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Exhibit P-21, Production Schedule: PB 2015 Army														Date: March 2014															
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30										P-1 Line Item Number / Title: C65405 / MLRS Reduced Range Practice Rockets (RRPR)										Item Number / Title [DODIC]: C65405 / MLRS Reduced Range Practice Rockets (RRPR)									

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2014														Fiscal Year 2015													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014														Calendar Year 2015											
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	
Reduced Range Practice Rocket (LCRRPR)																																
1	2012	ARMY	2,370	630	1,740	210	210	210	185	185	185	185	185	185															-			
1	2012	MC (†)	630	159	471	53	53	53	52	52	52	52	52	52															-			
1	2012	TOTAL	3,000	789	2,211	263	263	263	237	237	237	237	237	237															-			
1	2013	ARMY (VII)	2,430	-	2,430	-	-	-	202	202	202	202	202	202	202	202	202	204	204	204									-			
1	2013	MC (†) (VIII)	732	-	732	-	-	-	61	61	61	61	61	61	61	61	61	61	61	61									-			
1	2013	TOTAL	3,162	-	3,162	-	-	-	263	263	263	263	263	263	263	263	263	265	265	265									-			
1	2014	ARMY (IX)	2,412	-	2,412			-	-	-	-	-	-	-	-	-	-	-	-	-	201	201	201	201	201	201	201	201	603			
1	2014	MC (†) (X)	204	-	204			-	-	-	-	-	-	-	-	-	-	-	-	-	17	17	17	17	17	17	17	17	51			
1	2014	TOTAL	2,616	-	2,616			-	-	-	-	-	-	-	-	-	-	-	-	-	218	218	218	218	218	218	218	218	654			
1	2015	ARMY (XI)	2,994	-	2,994																-	-	-	-	-	-	-	-	2,994			
1	2015	MC (†) (XII)	642	-	642																-	-	-	-	-	-	-	-	642			
1	2015	TOTAL	3,636	-	3,636																-	-	-	-	-	-	-	-	3,636			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30		P-1 Line Item Number / Title: C65405 / MLRS Reduced Range Practice Rockets (RRPR)
Item Number / Title [DODIC]: C65405 / MLRS Reduced Range Practice Rockets (RRPR)		

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2016													Fiscal Year 2017																
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016													Calendar Year 2017														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			
Reduced Range Practice Rocket (LCRRPR)																																		
1	2012		ARMY	2,370	2,370	-																												
1	2012		MC (†)	630	630	-																												
1	2012		TOTAL	3,000	3,000	-																												
1	2013		ARMY (VII)	2,430	2,430	-																												
1	2013		MC (†) (VIII)	732	732	-																												
1	2013		TOTAL	3,162	3,162	-																												
1	2014		ARMY (IX)	2,412	1,809	603	201	201	201																									
1	2014		MC (†) (X)	204	153	51	17	17	17																									
1	2014		TOTAL	2,616	1,962	654	218	218	218																									
1	2015		ARMY (XI)	2,994	-	2,994	-	-	-	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	
1	2015		MC (†) (XII)	642	-	642	-	-	-	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	
1	2015		TOTAL	3,636	-	3,636	-	-	-	303	303	303	303	303	303	303	303	303	303	303	303	303	303	303	303	303	303	303	303	303	303	303		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30		P-1 Line Item Number / Title: C65405 / MLRS Reduced Range Practice Rockets (RRPR)
		Item Number / Title [DODIC]: C65405 / MLRS Reduced Range Practice Rockets (RRPR)

MFR Ref #	MFR Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Lockheed Martin - Dallas	42.00	480.00	960.00	8	2	11	13	-	2	11	13

Remarks:
Production of LCRRPRs varies as this program shares a production line with GMLRS. There are no production gaps during months that RRPRs are not being produced as GMLRS Rocket production continues.

(‡) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.
The first non-gray cell in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

Service/Agency Suffixes:

- (VII) BASE
- (VIII) BASE
- (IX) BASE
- (X) BASE
- (XI) BASE
- (XII) BASE

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/ Assault Missile Sys	P-1 Line Item Number / Title: C02901 / High Mobility Artillery Rocket System (HIMARS)
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ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements: 0210608A, 0603778A
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Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	412.892	12.051	-	-	-	-	-	-	-	-	-	424.943
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	412.892	12.051	-	-	-	-	-	-	-	-	-	424.943
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	412.892	12.051	-	-	-	-	-	-	-	-	-	424.943

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Description:

The M142 High Mobility Artillery Rocket System (HIMARS) is a full spectrum, combat proven, all weather, 24/7 lethal and responsive, precision strike weapon system that fully supports more deployable, affordable and lethal, Brigade Combat Teams, Fires Brigade, Modular Forces, and Joint Expeditionary Forces. The HIMARS launcher is a C-130 transportable, wheeled, indirect fire, rocket/missile launcher capable of engaging a variety of targets while firing all rockets and missiles in the current and future Multiple Launch Rocket System (MLRS) Family of Munitions (MFOM) and Army Tactical Missile System (ATACMS) Family of Munitions (AFOM) out to ranges of 300 kilometers. The HIMARS launcher has extensive commonality in both functionality and operational employment with the MLRS M270A1 tracked launcher and consists of a Fire Control System, a carrier (FMTV XM1140A1 automotive chassis) and a launcher-loader module (LLM) that performs all operations necessary to complete a fire mission. HIMARS also satisfies the Army's digitization requirements by interfacing with the Advanced Field Artillery Tactical Data System (AFATDS) fire support command and control system. HIMARS, as part of the Fires Brigade, provides fires that shape, shield and isolate the battle space and while using both precision GMLRS and ATACMS Unitary munitions, HIMARS provides close support fires for Troops in Contact (TIC) in both open and urban terrain. The HIMARS provides Joint Expeditionary Forces a flexible and lethal rocket/missile capability. HIMARS units can be quickly tailored for centralized or decentralized execution throughout the entire battle space in support of ground forces. The program also includes training devices for tactical training, classroom training, and handling exercises for optimal performance. HIMARS has been deployed to Operation Iraqi Freedom (OIF) and is still supporting Operation Enduring Freedom (OEF) with great success by both US Army and Marine Corps units.

Secondary Distribution	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	12.051	-	-	-	-	-	-	-	-
Total:									
Quantity	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/
Assault Missile Sys **P-1 Line Item Number / Title:**
C02901 / High Mobility Artillery Rocket System (HIMARS)

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0210608A, 0603778A

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Secondary Distribution	Total Obligation Authority	12.051	-	-	-	-	-	-	-	-

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - C03000 / HIMARS LAUNCHER	P-5		-	-	412.892	-	-	12.051	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost			-	-	412.892	-	-	12.051	-	-	-	-	-	-	-	-	-	-	-	-

*For Items, Title represents the Item Number / Title [DODIC].

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
There is no funding requested for FY15.

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30	P-1 Line Item Number / Title: C02901 / High Mobility Artillery Rocket System (HIMARS)	Item Number / Title [DODIC]: C03000 / HIMARS LAUNCHER

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	412.892	12.051	-	-	-	-
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	412.892	12.051	-	-	-	-
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	412.892	12.051	-	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
Engineering Services		-	-	104.866	-	-	4.521	-	-	-	-	-	-	-	-	-	-	-	-
Fielding		-	-	56.521	-	-	2.569	-	-	-	-	-	-	-	-	-	-	-	-
Project Management Admin		-	-	94.198	-	-	2.396	-	-	-	-	-	-	-	-	-	-	-	-
Production Engineering		-	-	91.882	-	-	1.386	-	-	-	-	-	-	-	-	-	-	-	-
Government Testing		-	-	29.699	-	-	0.487	-	-	-	-	-	-	-	-	-	-	-	-
Peculiar Support Equipment		-	-	35.726	-	-	0.692	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	412.892	-	-	12.051	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>		-	-	412.892	-	-	12.051	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost		-	-	412.892	-	-	12.051	-	-	-	-	-	-	-	-	-	-	-	-

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	12.051	-	-	-	-
Total:	Quantity	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	12.051	-	-	-	-

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/
Assault Missile Sys **P-1 Line Item Number / Title:**
C98510 / ARMY TACTICAL MSL SYS (ATACMS) - SYS SUM

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0203802A

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	1,255	-	24	-	-	-	-	-	-	-	-	1,279
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,206.055	-	35.600	-	-	-	-	-	-	-	-	1,241.655
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	1,206.055	-	35.600	-	-	-	-	-	-	-	-	1,241.655
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,206.055	-	35.600	-	-	-	-	-	-	-	-	1,241.655

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	961.000	-	1,483.333	-	-	-	-	-	-	-	-	970.801

The FY 2015 OCO Request will be submitted at a later date.

Description:

Army Tactical Missile Systems (ATACMS) is the United States (U.S) Army's primary 24/7, all-weather, and surface-to-surface artillery precision missile used by current and future Combatant Commanders to shape the battlefield with long-range fires against hard and soft stationary targets in open, complex, and urban environments.

ATACMS continues to support the Warfighter as 569 ATACMS precision missile variants have been spent in support of Overseas Contingency Operations (OCO).

The U.S. Army is funding the procurement of ATACMS M57 (T2K Unitary Missile) replacement rounds under the Army Tactical Missile System Program Element (C98510). ATACMS M57 delivers a single, 500-pound (lb) High Explosive warhead to its target using Global Positioning System (GPS), and engages point targets with minimal collateral damages at ranges up to 300 kilometers (km).

Secondary Distribution	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	24	-	-	-	-	-	-
	Total Obligation Authority	-	35.600	-	-	-	-	-	-
Total: Secondary Distribution	Quantity	-	24	-	-	-	-	-	-
	Total Obligation Authority	-	35.600	-	-	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/
Assault Missile Sys **P-1 Line Item Number / Title:**
C98510 / ARMY TACTICAL MSL SYS (ATACMS) - SYS SUM

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0203802A

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - C98501 / ATACMS BLK IA	P-5, P-5a, P-21		961.000	1,255	1,206.055	-	-	-	1,483.333	24	35.600	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost			961.000	1,255	1,206.055	-	-	-	1,483.333	24	35.600	-	-	-	-	-	-	-	-	-

*For Items, Title represents the Item Number / Title [DODIC].

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
There is no funding requested in FY15.

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Exhibit P-5, Cost Analysis: PB 2015 Army				Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30		P-1 Line Item Number / Title: C98510 / ARMY TACTICAL MSL SYS (ATACMS) - SYS SUM		Item Number / Title [DODIC]: C98501 / ATACMS BLK IA		

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity (<i>Units in Each</i>)	1,255	-	24	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,206.055	-	35.600	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	1,206.055	-	35.600	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,206.055	-	35.600	-	-	-

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	961.000	-	1,483.333	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
Prime Contract ^(†)		961.000	1,255	1,206.055	-	-	-	1,483.330	24	35.600	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	1,206.055	-	-	-	-	-	35.600	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>		-	-	1,206.055	-	-	-	-	-	35.600	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost		961.000	1,255	1,206.055	-	-	-	1,483.333	24	35.600	-	-	-	-	-	-	-	-	-

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	-	24	-	-	-
	Total Obligation Authority	-	35.600	-	-	-
Total:	Quantity	-	24	-	-	-
Secondary Distribution	Total Obligation Authority	-	35.600	-	-	-

(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30	P-1 Line Item Number / Title: C98510 / ARMY TACTICAL MSL SYS (ATACMS) - SYS SUM	Item Number / Title [DODIC]: C98501 / ATACMS BLK IA
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Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Prime Contract ^(†)		2014	Lockheed Martin / Dallas, Texas	TBD	TBD	Aug 2014	Feb 2016	24	1,483.330			

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30 **P-1 Line Item Number / Title:** C98510 / ARMY TACTICAL MSL SYS (ATACMS) - SYS SUM **Item Number / Title [DODIC]:** C98501 / ATACMS BLK IA

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2014												Fiscal Year 2015													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014												Calendar Year 2015												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
Prime Contract																															
Prior Years Deliveries: 1255																															
1	2014	ARMY		24	-	24												-	-	-	-	-	-	-	-	-	-	24			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30 **P-1 Line Item Number / Title:** C98510 / ARMY TACTICAL MSL SYS (ATACMS) - SYS SUM **Item Number / Title [DODIC]:** C98501 / ATACMS BLK IA

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2016												Fiscal Year 2017													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016												Calendar Year 2017												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
Prime Contract																															
Prior Years Deliveries: 1255																															
1		2014	ARMY	24	-	24	-	-	-	-	-	8	8	8															-		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

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Exhibit P-21, Production Schedule: PB 2015 Army	Date: March 2014
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Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30	P-1 Line Item Number / Title: C98510 / ARMY TACTICAL MSL SYS (ATACMS) - SYS SUM	Item Number / Title [DODIC]: C98501 / ATACMS BLK IA
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MFR Ref #	MFR Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Lockheed Martin - Dallas, Texas	7.00	38.00	48.00	-	1	14	15	-	1	14	15

Remarks:

P-Forms reflect standalone unit costs with associated restart costs. Potential FMS customers have shown interest; however, no dollars have been received.

The first non-gray cell in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Number / Title: C50700 / Patriot Mods
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ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:						Other Related Program Elements:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	2,596.006	138.614	326.438	131.838	-	131.838	424.021	438.546	413.644	238.072	655.672	5,362.851
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	2,596.006	138.614	326.438	131.838	-	131.838	424.021	438.546	413.644	238.072	655.672	5,362.851
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	2,596.006	138.614	326.438	131.838	-	131.838	424.021	438.546	413.644	238.072	655.672	5,362.851
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Description:

The PATRIOT Mods program implements critical capability, readiness and sustainability modifications to the weapon system and maintains Integrated Logistics Support. Required modifications are identified through various means to include: validated requirement documents such as the Capability Production Document (CPD) and the Operational Needs Statement (ONS); material changes supported by improved operational effectiveness as identified in the PATRIOT Product Improvement Program (PIP); material deficiencies identified in the field; obsolescence issues; emerging technologies; software improvements; crew interface and communication upgrades.

PATRIOT Mods funding supports Reliability, Availability, and Maintainability (RAM) Mods; Recapitalization (RECAP); Battery Command Post/ Tactical Command System /Computer Software Module (BCP/TCS/ CSM) Mod; the Combined Crypto Modification Phase I (CCMPI) upgrade; the Radar Digital Processor-Configuration (RDP-C) upgrade; the Air Defense Artillery (ADA) School Upgrades/ Training Aids, Devices, Simulators and Simulations (TADSS); PATRIOT Maintenance Trainer (PMT); PATRIOT Multi-Echelon Training (PMET); Reconfigurable Table Top Trainers (RT3); the Modern Manstation (MMS) upgrade; Radar on the Net/Kit Integration; Enhanced Launcher Electronic Systems (ELES); and SIPRNet/NIPRNet Access Point/Troposcatter (SNAP/TROPO).

RAM modifications provide resolution to field failures which are identified through component analysis, field data collection, obsolescence issues and emerging technologies which are prioritized based on readiness and Operations and Support (O&S) impacts. This effort includes the engineering, acquisition, qualification testing, installation, technical support and training device upgrades associated with modification and design changes which are essential to stabilize the system at the highest readiness posture available and reduction of O&S. Kit quantity is based on expected Engineering Change Proposals (ECPs) to be applied to Major End Item (MEI).

Recapitalization (RECAP) Modifications include communication upgrades, Family of Medium Tactical Vehicles (FMTV), training upgrades, and Depot Maintenance Plant Equipment (DMPE). These modifications are synchronized within the RECAP program. RECAP is a battalion set, resulting in a more supportable, reliable, and capable unit in the force. Quantity represents 1 battalion a year.

The Battery Command Post/Tactical Command System/Computer Software Module (BCP/TCS/CSM) effort continues the development of the Capabilities Development Document (CDD) required Battle Management, Command, Control, Communications, Computers, and Intelligence (BMC4I) capability to maintain compatibility with tactical software enhancements, while enhancing and improving the defense design and planning capabilities for the PATRIOT warfighter. This includes systems engineering, software requirements, software design/code/test and independent validation and verification testing. This effort also provides Integrated Logistics Support, required due to the large amount of Commercial Off The Shelf components, of the Battery Command Posts and Tactical Command Systems. Additionally, this effort supports the BCP/TCS/CSM fielding upgrades for each PATRIOT Post Deployment Build update, as well as working obsolescence alleviation and engineering changes.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications		P-1 Line Item Number / Title: C50700 / Patriot Mods
ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements:
<p>The PATRIOT Modernization modification is a roll-up of the Combined Crypto Modification Phase I (CCMPI) and the Radar Digital Processor (RDP) for FY2013. Beginning with PB14 CCMPI, RDP, and MMS have been broken out into individual modifications.</p> <p>Combined Crypto Modification Phase I (CCMPI): The planned PATRIOT communications upgrade program is a phased approach leveraging National Security Agency (NSA) mandated crypto updates, user generated requirements, (PATRIOT Data Information Link (PADIL) over IP), Beyond Line of Sight (BLOS) communications, and communications hardware obsolescence mitigation efforts. This approach allows cost efficiencies and better business practices by synergizing these efforts. CCMPI is fully funded and addresses the PAC-3 Capability Production Document (CPD) requirements including the crypto modernization, a limited PADIL over Internet Protocol (IP) capability, and 3011C multi-cast (protocol). CCMPI installs a Black Station Clock Upgrade (BSCU) to allow for increased data rates; the Ruggedized IQ1000 (RIQ) for data processing and IP overlay; and interfaces for soldier provided SIPR/NIPR devices. The CCMPI program also replaces KG-94A/194A encryptors with KIV-7M encryptors.</p> <p>The Radar Digital Processor-Configuration (RDP-C) replaces obsolete digital processors with single rack commercial off-the-shelf based modern processors. Battery Replaceable Units (BRUs) are reduced from 759 to 56 with 13 power supplies and 18 racks removed. Benefits of the RDP-C include improvement in radar reliability, life cycle cost savings and capability growth through software improvements. The RDP-C modification will enable full AN/TPX-57(v)1 Identification Friend or Foe (IFF) Mode 5 Level 1 and 2 and new Combat Identification capabilities. The enhanced IFF capability allows for expanded target reports from the AN/TPX-57 which will include: National Origin, Platform ID Number (PIN), and GPS position (Level 2). Also, the RDP-C will support efforts to counter emerging threats and growth to the netted sensor concept.</p> <p>The Air Defense Artillery (ADA) School Upgrades / Training Aids, Devices, Simulators and Simulations (TADSS) modification is necessary to upgrade school assets to Configuration 3 and provide necessary training capacity. Four Enhanced Launcher Electronics Systems (ELES) and four Radar Kits will complete the school upgrades. TADSS also includes PATRIOT Maintenance Trainers (PMT), PATRIOT Multi-Echelon Training (PMET) and Reconfigurable Table Top Trainers (RT3).</p> <p>The Modern Manstation (MMS) is designed to significantly improve the reliability of the legacy Manstation by replacing 221 obsolete parts in 41 assemblies and reducing Battery Replaceable Units (BRUs) from 493 to 51. Benefits of the MMS include the installation of two 30" high resolution color LCD displays with touch panels; significant increase in Mean Time Between Failure rates; elimination of a costly Multi-Volt power supply while greatly improving the overall visual graphics used for decision making. The MMS upgrades will increase Warfighter effectiveness; enable future capabilities; increase reliability; and reduce life cycle costs. Training will be aligned with the tactical system using the same displays, providing geopolitical maps, and utilizing color symbology for immediate recognition of friend, foe or unknown. Soft keys will enable future switch configurations with software upgrades. The MMS also enables future graphical user interface with Common Warfighter Machine Interface (CWMI) systems. The MMS modification upgrade will be incorporated into 82 Engagement Control Station (ECS) Shelters and 22 Information and Coordination Central (ICC) Shelters.</p> <p>The Enhanced Launcher Electronics System (ELES) modification will upgrade a PAC-2 Launcher to a PAC-3 Capability.</p> <p>The Radar on the Net/Kit Integration modification will competitively modernize the radar and enable the radar to operate directly on the Integrated Air and Missile Defense (IAMD) net and reduce obsolescence.</p> <p>SIPRNet/NIPRNet Access Point/Troposcatter (SNAP/TROPO). The SNAP/Tropo program provides units with an organic Beyond Line of Sight (BLOS) capability to support both intra battalion and extra battalion communications. Troposcatter terminals allow connectivity between PATRIOT shelters when local terrain or long distances make organic UHF Line of Sight (LOS) communications impossible. SNAP terminals allow a PATRIOT shelter without access to any local infrastructure to remotely connect to both SIPRnet and NIPRnet using Ku band satellites for range extension in response to Operational Need Statements from combatant commands.</p> <p>Digital Sidelobe Canceller (DSLCL) - This is an Electronic Counter Measures (ECM) technique used to cancel the interference that is entering the radar via the antenna sidelobes. This is currently being performed using analog hardware in the PATRIOT radar. DSLCL replaces the analog hardware and performs this task digitally in the radars processor.</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications

P-1 Line Item Number / Title:
C50700 / Patriot Mods

ID Code (A=Service Ready, B=Not Service Ready) :		Program Elements for Code B Items:					Other Related Program Elements:			
Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	138.614	326.438	131.838	-	131.838	424.021	438.546	413.644	238.072
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	138.614	326.438	131.838	-	131.838	424.021	438.546	413.644	238.072

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - C50700 / PATRIOT MODS	P-3a		-	-	2,596.006	-	-	138.614	-	-	326.438	-	-	131.838	-	-	-	-	-	131.838
Total Gross/Weapon System Cost			-	-	2,596.006	-	-	138.614	-	-	326.438	-	-	131.838	-	-	-	-	-	131.838

Exhibits Schedule		FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - C50700 / PATRIOT MODS	P-3a		-	-	424.021	-	-	438.546	-	-	413.644	-	-	238.072	-	-	655.672	-	-	5,362.851
Total Gross/Weapon System Cost			-	-	424.021	-	-	438.546	-	-	413.644	-	-	238.072	-	-	655.672	-	-	5,362.851

*For the P-3a, Title represents the Modification Number / Title.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
FY 2015 Base procurement dollars in the amount of \$131.838 million supports the modifications for Reliability, Availability, and Maintainability Modifications (RAM Mods), Recapitalization (RECAP), Battery Command Post/ Tactical Command System/ Computer Software Module (BCP/TCS/CSM), Combined Crypto Modification Phase I (CCMPI), Radar Digital Processor-Configuration (RDP-C), Modern Manstation (MMS), PATRIOT Maintenance Trainer (PMT), and PATRIOT Multi-Echelon Training (PMET).

Efforts will be made to expedite PATRIOT materiel solutions (e.g. Radar Digital Processor, Communications Upgrades, Radars on the Net) to both enhance capability and facilitate integration into the Integrated Air and Missile Defense (IAMD) architecture.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

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Exhibit P-3a, Individual Modification: PB 2015 Army										Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10				P-1 Line Item Number / Title: C50700 / Patriot Mods						Modification Number / Title: C50700 / PATRIOT MODS		

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2,596.006	138.614	326.438	131.838	-	131.838	424.021	438.546	413.644	238.072	655.672	5,362.851
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	2,596.006	138.614	326.438	131.838	-	131.838	424.021	438.546	413.644	238.072	655.672	5,362.851
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	2,596.006	138.614	326.438	131.838	-	131.838	424.021	438.546	413.644	238.072	655.672	5,362.851

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Description:

The PATRIOT weapon system modernization program implements modifications to the weapon system and maintains Integrated Logistics Support. Required modifications are identified through various means, including the following: validated requirements documents such as Capability Production Documents and Operational Needs Statements; material changes identified in the PATRIOT Product Improvement Program (PIP); material deficiencies identified in the field; obsolescence issues; emerging technologies; software improvements; crew interface and communications upgrades.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	138.614	326.438	131.838	-	131.838	-	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	138.614	326.438	131.838	-	131.838	424.021	438.546	413.644	238.072

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army										Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10					P-1 Line Item Number / Title: C50700 / Patriot Mods					Modification Number / Title: C50700 / PATRIOT MODS			
Models of Systems Affected: Various				Modification Type: Various				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Modification Item 1 of 15: RAM Mods													
A Kits													
Recurring													
Kit Quantity	6,230 / 576.590	108 / 11.946	86 / 9.773	90 / 11.317	- / -	90 / 11.317	91 / 15.420	100 / 16.923	102 / 16.745	102 / 17.097	- / 323.364	6,909 / 999.175	
Training	0 / 11.000	- / 12.046	- / 11.550	- / 10.224	- / -	- / 10.224	- / 10.670	- / 13.577	- / 14.767	- / 14.415	- / -	- / 98.249	
Training Equipment	0 / 4.300	- / 2.104	- / 5.630	- / 5.643	- / -	- / 5.643	- / 5.982	- / 6.100	- / 6.436	- / 6.436	- / -	- / 42.631	
Support Equipment	0 / 2.500	- / 9.142	- / 8.759	- / 8.441	- / -	- / 8.441	- / 8.055	- / 7.375	- / 7.570	- / 7.470	- / -	- / 59.312	
Other	0 / 11.297	- / 15.110	- / 15.800	- / 13.225	- / -	- / 13.225	- / 12.743	- / 12.200	- / 14.482	- / 15.132	- / -	- / 109.989	
Integrated Logistics Support	0 / 2.000	- / 1.052	- / 1.010	- / 1.150	- / -	- / 1.150	- / 1.130	- / 3.825	- / 2.000	- / 3.450	- / -	- / 15.617	
Subtotal: Recurring	- / 607.687	- / 51.400	- / 52.522	- / 50.000	- / -	- / 50.000	- / 54.000	- / 60.000	- / 62.000	- / 64.000	- / 323.364	- / 1,324.973	
Subtotal: RAM Mods	6,230 / 607.687	108 / 51.400	86 / 52.522	90 / 50.000	- / -	90 / 50.000	91 / 54.000	100 / 60.000	102 / 62.000	102 / 64.000	- / 323.364	6,909 / 1,324.973	
Modification Item 2 of 15: Recapitalization													
A Kits													
Recurring													
Kit Quantity	10 / 227.100	1 / 10.000	1 / 10.000	1 / 10.000	- / -	1 / 10.000	1 / 9.912	1 / 11.600	1 / 11.850	1 / 12.125	3 / 80.836	20 / 383.423	
Other	0 / 7.736	- / 2.000	- / 2.000	- / 2.000	- / -	- / 2.000	- / 3.100	- / 3.200	- / 3.250	- / 3.275	- / 15.164	- / 31.725	
Subtotal: Recurring	- / 234.836	- / 12.000	- / 12.000	- / 12.000	- / -	- / 12.000	- / 13.012	- / 14.800	- / 15.100	- / 15.400	- / 86.000	- / 415.148	
Subtotal: Recapitalization	10 / 234.836	1 / 12.000	1 / 12.000	1 / 12.000	- / -	1 / 12.000	1 / 13.012	1 / 14.800	1 / 15.100	1 / 15.400	3 / 86.000	20 / 415.148	
Modification Item 3 of 15: BCP/TCS/CSM													
A Kits													
Recurring													
Engineering Change Orders	- / -	- / -	- / 1.000	- / 0.400	- / -	- / 0.400	- / 0.400	- / 0.400	- / 0.700	- / 0.800	- / 13.187	- / 16.887	
Fielding Support	- / -	- / 2.100	- / 0.400	- / 0.500	- / -	- / 0.500	- / 0.500	- / 1.000	- / 1.000	- / 1.000	- / 12.207	- / 18.707	
Obsolescence/Tech Refresh	- / -	- / -	- / 0.200	- / 0.100	- / -	- / 0.100	- / 0.100	- / 0.100	- / 0.100	- / 0.100	- / -	- / 0.700	
Software/Systems Engineering	0 / 16.800	- / 4.600	- / 5.900	- / 0.500	- / -	- / 0.500	- / 0.800	- / 0.800	- / 0.800	- / 0.900	- / 79.714	- / 110.814	
Integrated Logistics Support	0 / 27.426	- / 4.500	- / 4.500	- / 2.000	- / -	- / 2.000	- / 4.200	- / 4.000	- / 4.000	- / 4.100	- / 8.500	- / 63.226	
Subtotal: Recurring	- / 44.226	- / 11.200	- / 12.000	- / 3.500	- / -	- / 3.500	- / 6.000	- / 6.300	- / 6.600	- / 6.900	- / 113.608	- / 210.334	
Non-Recurring													
BCP Kit Quantity	62 / 29.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	62 / 29.000	
TCS Kit Quantity	17 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / -	
Subtotal: Non-Recurring	- / 29.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 29.000	

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army										Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10					P-1 Line Item Number / Title: C50700 / Patriot Mods					Modification Number / Title: C50700 / PATRIOT MODS			
Models of Systems Affected: Various				Modification Type: Various				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<i>Subtotal: BCP/TCS/CSM</i>	79 / 73.226	- / 11.200	- / 12.000	- / 3.500	- / -	- / 3.500	- / 6.000	- / 6.300	- / 6.600	- / 6.900	- / 113.608	79 / 239.334	
Modification Item 4 of 15: PATRIOT Modernization													
A Kits													
Recurring													
Kit Quantity	14 / 11.765	96 / 63.014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	110 / 74.779	
<i>Subtotal: Recurring</i>	- / 11.765	- / 63.014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 74.779	
<i>Subtotal: PATRIOT Modernization</i>	14 / 11.765	96 / 63.014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	110 / 74.779	
Modification Item 5 of 15: Combined Crypto Modification Phase I (CCMPI)													
A Kits													
Recurring													
Kit Quantity	- / -	- / -	33 / 11.400	39 / 12.600	- / -	39 / 12.600	78 / 25.400	- / -	- / -	- / -	- / -	150 / 49.400	
Kit Quantity (GFE)	- / -	- / -	- / -	54 / 0.268	- / -	54 / 0.268	49 / 0.268	47 / 0.268	- / -	- / -	- / -	150 / 0.804	
<i>Subtotal: Recurring</i>	- / -	- / -	- / 11.400	- / 12.868	- / -	- / 12.868	- / 25.668	- / 0.268	- / -	- / -	- / -	- / 50.204	
Non-Recurring													
Training	- / -	- / -	- / -	- / 0.132	- / -	- / 0.132	- / 0.132	- / -	- / -	- / -	- / -	- / 0.264	
<i>Subtotal: Non-Recurring</i>	- / -	- / -	- / -	- / 0.132	- / -	- / 0.132	- / 0.132	- / -	- / -	- / -	- / -	- / 0.264	
<i>Subtotal: Combined Crypto Modification Phase I (CCMPI)</i>	- / -	- / -	33 / 11.400	93 / 13.000	- / -	93 / 13.000	127 / 25.800	47 / 0.268	- / -	- / -	- / -	300 / 50.468	
Modification Item 6 of 15: Radar Digital Processor - Configuration (RDP-C)													
A Kits													
Recurring													
Kit Quantity	- / -	- / -	62 / 165.933	5 / 21.000	- / -	5 / 21.000	8 / 27.000	- / -	- / -	- / -	- / -	75 / 213.933	
Fielding	- / -	- / -	- / -	- / 14.700	- / -	- / 14.700	- / 14.700	- / 14.000	- / 14.000	- / 12.000	- / -	- / 19.400	
Support Equipment	- / -	- / -	- / 10.467	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.467	
<i>Subtotal: Recurring</i>	- / -	- / -	- / 176.400	- / 25.700	- / -	- / 25.700	- / 31.700	- / 14.000	- / 14.000	- / 2.000	- / -	- / 243.800	
Non-Recurring													
Training	- / -	- / -	- / 0.300	- / 0.300	- / -	- / 0.300	- / 0.300	- / -	- / -	- / -	- / -	- / 0.900	
<i>Subtotal: Non-Recurring</i>	- / -	- / -	- / 0.300	- / 0.300	- / -	- / 0.300	- / 0.300	- / -	- / -	- / -	- / -	- / 0.900	
<i>Subtotal: Radar Digital Processor - Configuration (RDP-C)</i>	- / -	- / -	62 / 176.700	5 / 26.000	- / -	5 / 26.000	8 / 32.000	- / 14.000	- / 14.000	- / 2.000	- / -	75 / 244.700	
Modification Item 7 of 15: Air Defense Artillery School Upgrades/ TADSS													

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Exhibit P-3a, Individual Modification: PB 2015 Army								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10				P-1 Line Item Number / Title: C50700 / Patriot Mods				Modification Number / Title: C50700 / PATRIOT MODS				
Models of Systems Affected: Various			Modification Type: Various				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Modification Item 8 of 15: Modern Manstation (MMS)												
A Kits												
Recurring												
Kit Quantity	- / -	- / -	4 / 13.437	- / -	- / -	- / -	4 / 96.000	- / -	- / -	- / -	- / -	8 / 109.437
<i>Subtotal: Recurring</i>	- / -	- / -	- / 13.437	- / -	- / -	- / -	- / 96.000	- / -	- / -	- / -	- / -	- / 109.437
<i>Subtotal: Air Defense Artillery School Upgrades/ TADSS</i>	- / -	- / -	4 / 13.437	- / -	- / -	- / -	4 / 96.000	- / -	- / -	- / -	- / -	8 / 109.437
Modification Item 9 of 15: Enhanced Launcher Electronics System (ELES)												
A Kits												
Recurring												
Fielding	- / -	- / -	- / 1.600	- / 3.900	- / -	- / 3.900	- / 2.309	- / -	- / -	- / -	- / -	- / 7.809
<i>Subtotal: Recurring</i>	- / -	- / -	- / 1.600	- / 3.900	- / -	- / 3.900	- / 2.309	- / -	- / -	- / -	- / -	- / 7.809
<i>Subtotal: Modern Manstation (MMS)</i>	- / -	- / -	- / 1.600	- / 3.900	- / -	- / 3.900	- / 2.309	- / -	- / -	- / -	- / -	- / 7.809
Modification Item 10 of 15: Radar on the Net Kit/ Integration												
A Kits												
Recurring												
Kit Quantity	- / -	- / -	14 / 33.601	- / -	- / -	- / -	48 / 159.000	63 / 207.900	17 / 61.200	- / -	- / -	142 / 461.701
<i>Subtotal: Recurring</i>	- / -	- / -	- / 33.601	- / -	- / -	- / -	- / 159.000	- / 207.900	- / 61.200	- / -	- / -	- / 461.701
<i>Subtotal: Enhanced Launcher Electronics System (ELES)</i>	- / -	- / -	14 / 33.601	- / -	- / -	- / -	48 / 159.000	63 / 207.900	17 / 61.200	- / -	- / -	142 / 461.701
Modification Item 11 of 15: SNAP/TROPO												
A Kits												
Recurring												
Kit Quantity SNAP	- / -	- / -	4 / 0.527	- / -	- / -	- / -	15 / 1.976	18 / 2.371	5 / 0.659	2 / 0.263	- / -	44 / 5.796
Support	- / -	- / -	- / 1.734	- / -	- / -	- / -	- / 5.958	- / 8.419	- / 2.181	- / 0.427	- / -	- / 18.719
Integrated Logistics Support	- / -	- / -	- / 1.009	- / -	- / -	- / -	- / 2.186	- / 2.581	- / 2.581	- / 1.582	- / -	- / 9.939

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Exhibit P-3a, Individual Modification: PB 2015 Army										Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10				P-1 Line Item Number / Title: C50700 / Patriot Mods						Modification Number / Title: C50700 / PATRIOT MODS			
Models of Systems Affected: Various				Modification Type: Various				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Training	- / -	- / -	- / 0.085	- / -	- / -	- / -	- / 0.113	- / 0.142	- / 0.057	- / 0.028	- / -	- / 0.425	
Equipment	- / -	- / -	- / 0.825	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.825	
Subtotal: Recurring	- / -	- / -	- / 4.180	- / -	- / -	- / -	- / 10.233	- / 13.513	- / 5.478	- / 2.300	- / -	- / 35.704	
Non-Recurring													
Kit Quantity TROPO	- / -	- / -	10 / 4.520	- / -	- / -	- / -	34 / 15.367	44 / 19.887	12 / 5.424	- / -	- / -	100 / 45.198	
Subtotal: Non-Recurring	- / -	- / -	- / 4.520	- / -	- / -	- / -	- / 15.367	- / 19.887	- / 5.424	- / -	- / -	- / 45.198	
Subtotal: SNAP/TROPO	- / -	- / -	14 / 8.700	- / -	- / -	- / -	49 / 25.600	62 / 33.400	17 / 10.902	2 / 2.300	- / -	144 / 80.902	
Modification Item 12 of 15: PATRIOT Maintenance Trainer (PMT)													
A Kits													
Recurring													
Kit Quantity	- / -	- / -	- / -	1 / 15.941	- / -	1 / 15.941	- / -	- / -	3 / 42.000	- / -	1 / -	5 / 57.941	
Subtotal: Recurring	- / -	- / -	- / -	- / 15.941	- / -	- / 15.941	- / -	- / -	- / 42.000	- / -	- / -	- / 57.941	
Non-Recurring													
Training Support	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.000	- / -	- / -	- / -	- / -	- / 4.000	
Subtotal: Non-Recurring	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.000	- / -	- / -	- / -	- / -	- / 4.000	
Subtotal: PATRIOT Maintenance Trainer (PMT)	- / -	- / -	- / -	1 / 15.941	- / -	1 / 15.941	- / 4.000	- / -	3 / 42.000	- / -	1 / -	5 / 61.941	
Modification Item 13 of 15: PATRIOT Multi-Echelon Training (PMET)													
A Kits													
Recurring													
Training Software	- / -	- / -	- / -	4 / 6.497	- / -	4 / 6.497	4 / 5.000	4 / 5.300	4 / 5.600	4 / 5.900	- / -	20 / 28.297	
Subtotal: Recurring	- / -	- / -	- / -	- / 6.497	- / -	- / 6.497	- / 5.000	- / 5.300	- / 5.600	- / 5.900	- / -	- / 28.297	
Subtotal: PATRIOT Multi-Echelon Training (PMET)	- / -	- / -	- / -	4 / 6.497	- / -	4 / 6.497	4 / 5.000	4 / 5.300	4 / 5.600	4 / 5.900	- / -	20 / 28.297	
Modification Item 14 of 15: Reconfigurable Table Top Trainers (RT3)													
A Kits													
Recurring													
Kit Quantity	- / -	- / -	- / -	- / -	- / -	- / -	- / -	69 / 15.000	70 / 15.000	- / -	- / -	139 / 30.000	
Subtotal: Recurring	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.000	- / 15.000	- / -	- / -	- / 30.000	
Subtotal: Reconfigurable Table Top Trainers (RT3)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	69 / 15.000	70 / 15.000	- / -	- / -	139 / 30.000	
Modification Item 15 of 15: Digital Sidelobe Canceller (DSLCL)													
A Kits													

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Exhibit P-3a, Individual Modification: PB 2015 Army										Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10					P-1 Line Item Number / Title: C50700 / Patriot Mods					Modification Number / Title: C50700 / PATRIOT MODS			
Models of Systems Affected: Various				Modification Type: Various				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
Recurring													
Kit Quantity	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 45.000	45 / 135.000	20 / 60.000	- / -	80 / 240.000	
Support Equipment	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 28.700	- / -	- / 28.700	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 45.000	- / 135.000	- / 88.700	- / -	- / 268.700	
Non-Recurring													
Training	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.146	- / 1.642	- / 1.172	- / -	- / 3.960	
<i>Subtotal: Non-Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.146	- / 1.642	- / 1.172	- / -	- / 3.960	
<i>Subtotal: Digital Sidelobe Cancellor (DSLCL)</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 46.146	45 / 136.642	20 / 89.872	- / -	80 / 272.660	
<i>Subtotal: Procurement, All Modification Items</i>	6,333 / 927.514	205 / 137.614	214 / 321.960	194 / 130.838	- / -	194 / 130.838	332 / 422.721	371 / 436.114	276 / 411.844	139 / 230.172	47 / 626.172	8,111 / 3,644.949	
Installation													
<i>Modification Item 1 of 15: RAM Mods</i>	6,230 / 32.400	27 / -	103 / 3.478	88 / -	- / -	88 / -	90 / -	92 / -	101 / -	101 / -	- / -	6,832 / 35.878	
<i>Modification Item 2 of 15: Recapitalization</i>	10 / 255.113	1 / 1.000	1 / 1.000	1 / 1.000	- / -	1 / 1.000	1 / 1.100	1 / 1.200	1 / 1.300	1 / 1.400	3 / 3.500	20 / 266.613	
<i>Modification Item 3 of 15: BCP/TCS/CSM</i>	79 / 1,380.979	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	79 / 1,380.979	
<i>Modification Item 4 of 15: PATRIOT Modernization</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Modification Item 5 of 15: Combined Crypto Modification Phase I (CCMPI)</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	16 / 0.200	56 / 1.232	78 / 0.500	- / -	- / -	150 / 1.932	
<i>Modification Item 6 of 15: Radar Digital Processor - Configuration (RDP-C)</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	16 / -	51 / -	8 / -	- / -	75 / -	
<i>Modification Item 7 of 15: Air Defense Artillery School Upgrades/ TADSS</i>	0 / 0.000	- / -	- / -	2 / -	- / -	2 / -	2 / -	2 / -	2 / -	- / -	- / -	8 / -	
<i>Modification Item 8 of 15: Modern Manstation (MMS)</i>	0 / 0.000	- / -	- / -	18 / -	- / -	18 / -	48 / -	- / -	- / -	- / -	- / -	66 / -	
<i>Modification Item 9 of 15: Enhanced Launcher Electronics System (ELES)</i>	0 / 0.000	- / -	- / -	14 / -	- / -	14 / -	- / -	48 / -	63 / -	- / -	17 / -	142 / -	
<i>Modification Item 10 of 15: Radar on the Net Kit/ Integration</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / -	76 / -	80 / -	
<i>Modification Item 11 of 15: SNAP/TROPO</i>	0 / 0.000	- / -	- / -	14 / -	- / -	14 / -	- / -	49 / -	62 / -	17 / -	2 / -	144 / -	
<i>Modification Item 12 of 15: PATRIOT Maintenance Trainer (PMT)</i>	0 / 0.000	- / -	- / -	1 / -	- / -	1 / -	- / -	- / -	3 / -	- / -	1 / -	5 / -	
<i>Modification Item 13 of 15: PATRIOT Multi-Echelon Training (PMET)</i>	0 / 0.000	- / -	- / -	2 / -	- / -	2 / -	4 / -	4 / -	4 / -	4 / -	2 / -	20 / -	
<i>Modification Item 14 of 15: Reconfigurable Table Top Trainers (RT3)</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Modification Item 15 of 15: Digital Sidelobe Cancellor (DSLCL)</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 6.500	64 / 26.000	80 / 32.500	

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Exhibit P-3a, Individual Modification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C50700 / Patriot Mods	Modification Number / Title: C50700 / PATRIOT MODS
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Models of Systems Affected: Various **Modification Type:** Various **Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<i>Subtotal: Installation</i>	6,319 / 1,668.492	28 / 1.000	104 / 4.478	140 / 1.000	- / -	140 / 1.000	161 / 1.300	268 / 2.432	365 / 1.800	151 / 7.900	165 / 29.500	7,701 / 1,717.902
Total												
Total Cost (Procurement + Support + Installation)	2,596.006	138.614	326.438	131.838	-	131.838	424.021	438.546	413.644	238.072	655.672	5,362.851

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Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C50700 / Patriot Mods	Modification Number / Title: C50700 / PATRIOT MODS

Modification Item 1 of 15: RAM Mods

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Various Manufacturer Location: Various

Administrative Leadtime (in Months): 3 Production Leadtime (in Months): 6

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017	Dec 2018
Delivery Dates	Jun 2013	Jun 2014	Jun 2015	Jun 2016	Jun 2017	Jun 2018	Jun 2019

Installation Information

Method of Implementation: various

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	6,230 / 32.400	- / 0.000	- / 3.478	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	6,230 / 35.878
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	27 / -	81 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	108 / -
FY 2015	0 / 0.000	- / -	22 / -	64 / -	- / -	64 / -	- / -	- / -	- / -	- / -	- / -	86 / -
FY 2016	0 / 0.000	- / -	- / -	24 / -	- / -	24 / -	66 / -	- / -	- / -	- / -	- / -	90 / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	24 / -	67 / -	- / -	- / -	- / -	91 / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	25 / -	75 / -	- / -	- / -	100 / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / -	76 / -	- / -	102 / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / -	- / -	25 / -
Total	6,230 / 32.400	27 / -	103 / 3.478	88 / -	- / -	88 / -	90 / -	92 / -	101 / -	101 / -	- / -	6,832 / 35.878

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	6,230	-	-	27	27	27	27	22	22	22	20	24	24	24	18	24	24	24	19	25	25	25	25	26	26	25	25	25	25	7,256	14,113
Out	6,232	-	-	-	27	27	27	27	22	22	22	20	24	24	24	18	24	24	24	19	25	25	25	25	26	26	25	25	25	7,279	14,113

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C50700 / Patriot Mods	Modification Number / Title: C50700 / PATRIOT MODS

Modification Item 2 of 15: Recapitalization

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Various Manufacturer Location: Various

Administrative Leadtime (in Months): 6 Production Leadtime (in Months): 12

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	Apr 2013	Apr 2014	Apr 2015	Apr 2016	Apr 2017	Apr 2018	Apr 2019
Delivery Dates	Apr 2014	Apr 2015	Apr 2016	Apr 2017	Apr 2018	Apr 2019	Apr 2020

Installation Information

Method of Implementation: Various

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	10 / 255.113	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	10 / 255.113
FY 2013	0 / 0.000	1 / 1.000	1 / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.000
FY 2014	0 / 0.000	- / -	- / -	1 / 1.000	- / -	1 / 1.000	- / -	- / -	- / -	- / -	- / -	1 / 1.000
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	1 / 1.100	- / -	- / -	- / -	- / -	1 / 1.100
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.200	- / -	- / -	- / -	1 / 1.200
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.300	- / -	- / -	1 / 1.300
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.400	- / -	1 / 1.400
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.500	1 / 1.500
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.000	2 / 2.000
Total	10 / 255.113	1 / 1.000	1 / 1.000	1 / 1.000	- / -	1 / 1.000	1 / 1.100	1 / 1.200	1 / 1.300	1 / 1.400	3 / 3.500	20 / 266.613

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot						
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4								
In	10	-	-	1	-	-	-	-	1	-	-	-	-	1	-	-	-	-	1	-	-	-	-	1	-	-	-	-	1	-	-	-	-	1	-	3	20
Out	9	1	-	-	-	1	-	-	-	1	-	-	-	-	1	-	-	-	-	1	-	-	-	-	1	-	-	-	-	1	-	-	-	-	1	4	20

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C50700 / Patriot Mods	Modification Number / Title: C50700 / PATRIOT MODS

Modification Item 3 of 15: BCP/TCS/CSM

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Various Manufacturer Location: Various

Administrative Leadtime (in Months): Production Leadtime (in Months):

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: various

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	79 / 1,380.979	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	79 / 1,380.979
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	79 / 1,380.979	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	79 / 1,380.979

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C50700 / Patriot Mods	Modification Number / Title: C50700 / PATRIOT MODS

Modification Item 4 of 15: PATRIOT Modernization

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Raytheon				Manufacturer Location: Andover, MA			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 6			
Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	Dec 2012	Dec 2013					
Delivery Dates	Jun 2013	Jun 2014					

Installation Information

Method of Implementation: Various

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
In	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	134
Out	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	134

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Exhibit P-3a, Individual Modification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C50700 / Patriot Mods	Modification Number / Title: C50700 / PATRIOT MODS
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Modification Item 5 of 15: Combined Crypto Modification Phase I (CCMPI)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Raytheon Manufacturer Location: Tewksbury, MA

Administrative Leadtime (in Months): 3 Production Leadtime (in Months): 12

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates		Sep 2014	Sep 2015	Sep 2016	Sep 2017	Sep 2018	
Delivery Dates		Sep 2015	Sep 2016	Sep 2017	Sep 2018	Sep 2019	

Installation Information

Method of Implementation: Yes

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	16 / 0.200	17 / 0.616	- / -	- / -	- / -	33 / 0.816
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	39 / 0.616	- / -	- / -	- / -	39 / 0.616
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	78 / 0.500	- / -	- / -	78 / 0.500
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	16 / 0.200	56 / 1.232	78 / 0.500	- / -	- / -	150 / 1.932

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4						
In	-	-	-	-	-	-	-	-	-	-	-	-	8	8	14	14	14	14	19	19	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8	14	14	14	14	19	19	20	20	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C50700 / Patriot Mods	Modification Number / Title: C50700 / PATRIOT MODS

Modification Item 6 of 15: Radar Digital Processor - Configuration (RDP-C)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Raytheon Manufacturer Location: Andover, MA

Administrative Leadtime (in Months): 8 Production Leadtime (in Months): 18

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates		May 2014	May 2015	May 2016			
Delivery Dates		Nov 2015	Nov 2016	Nov 2017			

Installation Information

Method of Implementation: Various

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	16 / -	46 / -	- / -	- / -	62 / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / -	- / -	- / -	5 / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / -	- / -	8 / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	16 / -	51 / -	8 / -	- / -	75 / -

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4						
In	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16	15	15	5	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16	15	15	5	-	-	-	-	-	8	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C50700 / Patriot Mods	Modification Number / Title: C50700 / PATRIOT MODS

Modification Item 7 of 15: Air Defense Artillery School Upgrades/ TADSS

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Various Manufacturer Location: Various

Administrative Leadtime (in Months): 6 Production Leadtime (in Months): 18

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates		Dec 2013		Dec 2015			
Delivery Dates		Jun 2015		Jun 2017			

Installation Information

Method of Implementation: various

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	2 / -	- / -	2 / -	2 / -	- / -	- / -	- / -	- / -	4 / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	2 / -	2 / -	- / -	- / -	4 / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	2 / -	- / -	2 / -	2 / -	2 / -	2 / -	- / -	- / -	8 / -

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
In	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	8
Out	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	8

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C50700 / Patriot Mods	Modification Number / Title: C50700 / PATRIOT MODS

Modification Item 8 of 15: Modern Manstation (MMS)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Raytheon				Manufacturer Location: Andover, MA			
Administrative Leadtime (in Months): 6				Production Leadtime (in Months): 15			
Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	Sep 2013						
Delivery Dates	Dec 2014						

Installation Information

Method of Implementation: Various

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	18 / -	- / -	18 / -	48 / -	- / -	- / -	- / -	- / -	66 / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	18 / -	- / -	18 / -	48 / -	- / -	- / -	- / -	- / -	66 / -

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot								
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4										
In	-	-	-	-	-	-	-	-	-	6	6	6	6	14	14	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66
Out	-	-	-	-	-	-	-	-	-	-	6	6	6	6	14	14	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C50700 / Patriot Mods	Modification Number / Title: C50700 / PATRIOT MODS

Modification Item 9 of 15: Enhanced Launcher Electronics System (ELES)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Various Manufacturer Location: Various

Administrative Leadtime (in Months): 6 Production Leadtime (in Months): 18

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates		Dec 2013		Dec 2015	Dec 2016	Dec 2017	Dec 2018
Delivery Dates		Jun 2015		Jun 2017	Jun 2018	Jun 2019	Jun 2020

Installation Information

Method of Implementation: Various

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	14 / -	- / -	14 / -	- / -	- / -	- / -	- / -	- / -	14 / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	48 / -	- / -	- / -	- / -	48 / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	63 / -	- / -	- / -	63 / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / -	17 / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	14 / -	- / -	14 / -	- / -	48 / -	63 / -	- / -	17 / -	142 / -

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	7	7	-	-	-	-	-	-	-	24	24	-	-	32	31	-	-	-	-	17	142
Out	-	-	-	-	-	-	-	-	-	-	7	7	-	-	-	-	-	-	-	24	24	-	-	32	31	-	-	-	-	17	142

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C50700 / Patriot Mods	Modification Number / Title: C50700 / PATRIOT MODS

Modification Item 10 of 15: Radar on the Net Kit/Integration

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Various Manufacturer Location: Various

Administrative Leadtime (in Months): 6 Production Leadtime (in Months): 24

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates					Mar 2017	Mar 2018	Mar 2019
Delivery Dates					Mar 2019	Mar 2020	Mar 2021

Installation Information

Method of Implementation: Various

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / -	6 / -	10 / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / -	17 / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / -	10 / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	43 / -	43 / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / -	76 / -	80 / -

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	76	80
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	78	80

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C50700 / Patriot Mods	Modification Number / Title: C50700 / PATRIOT MODS

Modification Item 11 of 15: SNAP/TROPO

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TeleCommunication Systems (TCS) Manufacturer Location: Tampa, FL

Administrative Leadtime (in Months): Production Leadtime (in Months): 9

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates		Oct 2013		Oct 2015	Oct 2016	Oct 2017	
Delivery Dates		Jun 2014		Jun 2016	Jun 2017	Jun 2018	

Installation Information

Method of Implementation: Depot, PM, contractor team

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	14 / -	- / -	14 / -	- / -	- / -	- / -	- / -	- / -	14 / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	49 / -	- / -	- / -	- / -	49 / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	62 / -	- / -	- / -	62 / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / -	- / -	17 / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / -	2 / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	14 / -	- / -	14 / -	- / -	49 / -	62 / -	17 / -	2 / -	144 / -

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	14	-	-	-	-	-	-	-	49	-	-	-	62	-	-	-	17	-	-	-	2	-	-	-
Out	-	-	-	-	-	-	-	-	14	-	-	-	-	-	-	-	49	-	-	-	62	-	-	-	17	-	-	-	2	-	-

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C50700 / Patriot Mods	Modification Number / Title: C50700 / PATRIOT MODS

Modification Item 12 of 15: PATRIOT Maintenance Trainer (PMT)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Raytheon Manufacturer Location: Tewksbury, MA

Administrative Leadtime (in Months): 4 Production Leadtime (in Months): 4

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates			Feb 2015			Feb 2018	
Delivery Dates			Jun 2015			Jun 2018	

Installation Information

Method of Implementation: TBD

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	1 / -	- / -	1 / -	- / -	- / -	- / -	- / -	- / -	1 / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / -	- / -	- / -	3 / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / -	1 / -
Total	0 / 0.000	- / -	- / -	1 / -	- / -	1 / -	- / -	- / -	3 / -	- / -	1 / -	5 / -

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	1	5
Out	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	1	5

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C50700 / Patriot Mods	Modification Number / Title: C50700 / PATRIOT MODS

Modification Item 13 of 15: PATRIOT Multi-Echelon Training (PMET)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Raytheon Manufacturer Location: Tewksbury, MA

Administrative Leadtime (in Months): 4 Production Leadtime (in Months): 4

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates			Feb 2015	Feb 2016	Feb 2017	Feb 2018	Feb 2019
Delivery Dates			Jun 2015	Jun 2016	Jun 2017	Jun 2018	Jun 2019

Installation Information

Method of Implementation: TBD

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	2 / -	- / -	2 / -	2 / -	- / -	- / -	- / -	- / -	4 / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	2 / -	2 / -	- / -	- / -	- / -	4 / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	2 / -	2 / -	- / -	- / -	4 / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / -	2 / -	- / -	4 / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / -	2 / -	4 / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	2 / -	- / -	2 / -	4 / -	4 / -	4 / -	4 / -	2 / -	20 / -

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4						
In	-	-	-	-	-	-	-	-	-	-	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	20
Out	-	-	-	-	-	-	-	-	-	-	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	20

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C50700 / Patriot Mods	Modification Number / Title: C50700 / PATRIOT MODS

Modification Item 14 of 15: Reconfigurable Table Top Trainers (RT3)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Raytheon Manufacturer Location: Tewksbury, MA

Administrative Leadtime (in Months): Production Leadtime (in Months):

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: TBD

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3a, Individual Modification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C50700 / Patriot Mods	Modification Number / Title: C50700 / PATRIOT MODS
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Modification Item 15 of 15: Digital Sidelobe Cancellor (DSLCL)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD Manufacturer Location: TBD

Administrative Leadtime (in Months): Production Leadtime (in Months):

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates					Jan 2017	Jan 2018	Jan 2019
Delivery Dates					Jun 2018	Jun 2019	Jun 2020

Installation Information

Method of Implementation: Various

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 5.000	- / -	15 / 5.000
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.500	44 / 17.000	45 / 18.500
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 9.000	20 / 9.000
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 6.500	64 / 26.000	80 / 32.500

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	3	4	8	8	45	80
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	64	80

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications

P-1 Line Item Number / Title:
C20000 / Stinger Mods

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0203801A

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	-	37.252	1.355	-	1.355	2.217	-	-	-	-	40.824
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	-	37.252	1.355	-	1.355	2.217	-	-	-	-	40.824
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	-	37.252	1.355	-	1.355	2.217	-	-	-	-	40.824

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Description:

The Stinger Block I missile is an advanced, fire-and-forget, short-range, man-portable, air defense weapon system. Stinger's mission is to provide the force with low-altitude air defense against fixed and rotary wing aircraft, unmanned aircraft systems (UAS) and cruise missiles (CM). Stinger employs an infrared (heat seeking)/ultraviolet seeker to guide to the target. Stinger Block I has extensive infrared counter-countermeasure capabilities and can engage targets from any aspect to include head-on. The missile utilizes a high-explosive, hit-to-kill warhead. Stinger can be fired from the shoulder or from a variety of platforms to include vehicles, helicopters and UAS. The missile is delivered as a certified round and requires no field testing or maintenance.

This effort funds the procurement and installation of the newly developed Proximity Fuze (Prox Fuze) into the Stinger Block I missile. The Prox Fuze will improve system effectiveness against the evolving UAS threat. Unmanned Aerial System Defense (UAS-D) is a requirement of the Operational Requirements Document (ORD) for the Stinger Guided Missile System and validated by the Deputy Chief of Staff, G-3/5/7, Current and Future Warfighting Capabilities Division (DAMO-CIC) in memo dated 28 May 2013.

The U.S. Army Stinger inventory is currently projected to fall below the FY15-19 Total Army Munitions Requirement (TAMR), dated 01 May 2013, of 4,155 missiles by the end of 2018. The incorporation of Stinger Prox Fuze with a Service Life Extension Program (SLEP) will provide Stinger Block I missiles with a 10-year shelf life by replacing items susceptible to degradation due to aging.

Secondary Distribution	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	-	37.252	1.355	-	1.355	2.217	-	-	-
Total:									
Quantity	-	-	-	-	-	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army										Date: March 2014									
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications										P-1 Line Item Number / Title: C20000 / Stinger Mods									

ID Code (A=Service Ready, B=Not Service Ready) :			Program Elements for Code B Items:						Other Related Program Elements: 0203801A					
Secondary Distribution			FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019			
Secondary Distribution		Total Obligation Authority	-	37.252	1.355	-	1.355	2.217	-	-	-			

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - C21300 / Stinger Proximity Fuze	P-3a		-	-	-	-	-	-	-	-	37.252	-	-	1.355	-	-	-	-	-	1.355
Total Gross/Weapon System Cost			-	-	-	-	-	-	-	-	37.252	-	-	1.355	-	-	-	-	-	1.355

Exhibits Schedule		FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - C21300 / Stinger Proximity Fuze	P-3a		-	-	2.217	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40.824
Total Gross/Weapon System Cost			-	-	2.217	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40.824

*For the P-3a, Title represents the Modification Number / Title.
 Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
 FY15 Base Procurement dollars in the amount of \$1.355 million supports the SLEP of Stinger Block I Missiles and the integration of the Proximity Fuze.

In accordance with Section 1815 of the FY08 National Defense Authorization Act (NDAA) P.L. 110-181, this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

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Exhibit P-3a, Individual Modification: PB 2015 Army							Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10				P-1 Line Item Number / Title: C20000 / Stinger Mods				Modification Number / Title: C21300 / Stinger Proximity Fuze				

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	-	37.252	1.355	-	1.355	2.217	-	-	-	-	40.824
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	-	37.252	1.355	-	1.355	2.217	-	-	-	-	40.824
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	-	37.252	1.355	-	1.355	2.217	-	-	-	-	40.824

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Description:

The Stinger Block I missile is an advanced, fire-and-forget, short-range, man-portable, air defense weapon system. Stinger's mission is to provide the force with low-altitude air defense against fixed and rotary wing aircraft, unmanned aircraft systems (UAS) and cruise missiles (CM). Stinger employs an infrared (heat seeking)/ultraviolet seeker to guide to the target. Stinger Block I has extensive infrared counter-countermeasure capabilities and can engage targets from any aspect to include head-on. The missile utilizes a high-explosive, hit-to-kill warhead. Stinger can be fired from the shoulder or from a variety of platforms to include vehicles and helicopters. The missile is delivered as a certified round and requires no field testing or maintenance.

This effort funds the procurement and installation of the newly developed Proximity Fuze (Prox Fuze) into the Stinger Block I missile. The Prox Fuze will improve system effectiveness against the evolving UAS threat. Unmanned Aerial System Defense (UAS-D) is a requirement of the Operational Requirements Document (ORD) for the Stinger Guided Missile System.

The U.S. Army Stinger inventory is currently projected to fall below the FY15-19 Total Army Munitions Requirement (TAMR), dated 01 May 2013, of 4,155 missiles by the end of 2018. The incorporation of Stinger Prox Fuze with a Service Life Extension Program (SLEP) will provide Stinger Block I missiles with a 10-year shelf life by replacing items susceptible to degradation due to aging.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	37.252	1.355	-	1.355	-	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	37.252	1.355	-	1.355	2.217	-	-	-

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Exhibit P-3a, Individual Modification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C20000 / Stinger Mods	Modification Number / Title: C21300 / Stinger Proximity Fuze
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Models of Systems Affected: FIM-92E Stinger Block I Missile	Modification Type: TBD	Related RDT&E PEs:
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Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
<i>Modification Item 1 of 1: Stinger Proximity Fuze</i>												
A Kits												
Recurring												
Hardware	- / -	- / -	850 / 30.342	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	850 / 30.342
Engineering Services	- / -	- / -	- / 0.762	- / 0.252	- / -	- / 0.252	- / 0.250	- / -	- / -	- / -	- / -	- / 1.264
Govt PM/Admin Support	- / -	- / -	- / 1.651	- / 0.390	- / -	- / 0.390	- / 0.301	- / -	- / -	- / -	- / -	- / 2.342
Other Flyaway Support	- / -	- / -	- / 4.497	- / 0.399	- / -	- / 0.399	- / 1.346	- / -	- / -	- / -	- / -	- / 6.242
<i>Subtotal: Recurring</i>	- / -	- / -	- / 37.252	- / 1.041	- / -	- / 1.041	- / 1.897	- / -	- / -	- / -	- / -	- / 40.190
<i>Subtotal: Stinger Proximity Fuze</i>	- / -	- / -	850 / 37.252	- / 1.041	- / -	- / 1.041	- / 1.897	- / -	- / -	- / -	- / -	850 / 40.190
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / -	850 / 37.252	- / 1.041	- / -	- / 1.041	- / 1.897	- / -	- / -	- / -	- / -	850 / 40.190
Installation												
<i>Modification Item 1 of 1: Stinger Proximity Fuze</i>	- / -	- / -	- / -	425 / 0.314	- / -	425 / 0.314	425 / 0.320	- / -	- / -	- / -	- / -	850 / 0.634
<i>Subtotal: Installation</i>	- / -	- / -	- / -	425 / 0.314	- / -	425 / 0.314	425 / 0.320	- / -	- / -	- / -	- / -	850 / 0.634
Total												
Total Cost (Procurement + Support + Installation)	-	-	37.252	1.355	-	1.355	2.217	-	-	-	-	40.824

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Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C20000 / Stinger Mods	Modification Number / Title: C21300 / Stinger Proximity Fuze

Modification Item 1 of 1: Stinger Proximity Fuze

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: McAlester Army Ammunition Plant Manufacturer Location: McAlester, OK

Administrative Leadtime (in Months): 3 Production Leadtime (in Months): 21

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates		Jan 2014					
Delivery Dates		Jun 2015					

Installation Information

Method of Implementation: Depot Upgrade

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / -	- / -	- / 0.000	- / 0.000	- / 0.000
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	425 / 0.314	- / -	425 / 0.314	425 / 0.320	- / -	- / -	- / -	- / -	850 / 0.634
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	425 / 0.314	- / -	425 / 0.314	425 / 0.320	- / -	- / -	- / -	- / -	850 / 0.634

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
In	-	-	-	-	-	-	425	425	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	850
Out	-	-	-	-	-	-	-	-	-	-	-	-	425	425	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	850

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Number / Title: CE8710 / AVENGER MODS
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ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:						Other Related Program Elements:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	-	-	5.611	-	5.611	14.624	41.293	80.789	30.729	-	173.046
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	5.611	-	5.611	14.624	41.293	80.789	30.729	-	173.046
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	5.611	-	5.611	14.624	41.293	80.789	30.729	-	173.046
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Description:

The Avenger Air Defense System is a lightweight, highly mobile surface-to-air missile and gun weapon system mounted on a High Mobility Multi-purpose Wheeled Vehicle (HMMWV). The system employs a canopied turret consisting of a gunner position, two gyro-stabilized missile launcher pods containing four Stinger missiles each, a Forward Looking Infrared Receiver (FLIR), a Laser Range Finder (LRF), an Identification Friend or Foe (IFF) system and a very high rate of fire .50 caliber machine gun. The gun system is used against ground targets and to cover the Stinger missile dead-zone. Avenger is capable of day/night and adverse weather conditions, can be transported by UH-60L Blackhawk helicopter or C-130 aircraft, is air-droppable and can shoot on the move. The system can also be operated by remote control from a protected position up to 50 meters away from the fire unit.

The Avenger system is operated by a two-man crew to counter Unmanned Aerial Systems (UASs), cruise missiles, and fixed wing/rotary wing aircraft. Avenger fills the line-of-sight rear component of the Forward Area Air Defense (FAAD) system.

Funds procurement portion of Avenger Product Improvement Plan to address modernization and maintain system relevance in a configuration that is sustainable against multiple threats beyond FY2018. Avenger fills a capability gap which will be permanently filled by Indirect Fire Protection Capability Increment 2 Intercept (IFPC2-I). The Avenger Fire Control Computer (AFCC) will undergo software and hardware upgrades that will enable the system to handle increased targeting capability realized with the latest version of the Forward Area Air Defense (FAAD) early warning system and ensure the system meets the latest Information Assurance (IA) requirements. The Voice Intercommunication 3 (VIC3) system will be upgraded from analog to digital. Mode 5 cooperative target identification functions will be added to improve the system IFF capabilities. Additionally new targeting consoles will be placed on all Avengers. New canopies will be placed on all Active Army Avengers. Newly redesigned Environmental Control Unit/Prime Power Units (ECU/PPU) will be procured for all Active Army Avengers.

Secondary Distribution	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	-	-	-	-	-	-	-	-	-
Quantity	-	-	-	-	-	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications

P-1 Line Item Number / Title:
CE8710 / AVENGER MODS

ID Code (A=Service Ready, B=Not Service Ready) :		Program Elements for Code B Items:					Other Related Program Elements:			
Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
	Total Obligation Authority	-	-	5.611	-	5.611	2.981	37.132	38.371	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	-	-	-	11.643	4.161	42.418	30.729
Total:	Quantity	-	-	-	-	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	-	-	5.611	-	5.611	14.624	41.293	80.789	30.729

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - CE8710 / Avenger Mods	P-3a		-	-	-	-	-	-	-	-	-	-	-	5.611	-	-	-	-	-	5.611
Total Gross/Weapon System Cost			-	-	-	-	-	-	-	-	-	-	-	5.611	-	-	-	-	-	5.611

Exhibits Schedule		FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - CE8710 / Avenger Mods	P-3a		-	-	14.624	-	-	41.293	-	-	80.789	-	-	30.729	-	-	-	-	-	173.046
Total Gross/Weapon System Cost			-	-	14.624	-	-	41.293	-	-	80.789	-	-	30.729	-	-	-	-	-	173.046

*For the P-3a, Title represents the Modification Number / Title.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
FY15 Base procurement dollars in the amount of \$5.672 million support the acquisition of 66 M3P Machine Guns and 66 Targeting Consoles. This is a new start in FY15.

In accordance with Section 1815 of the FY2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

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Exhibit P-3a, Individual Modification: PB 2015 Army							Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10				P-1 Line Item Number / Title: CE8710 / AVENGER MODS				Modification Number / Title: CE8710 / Avenger Mods				

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	-	-	5.611	-	5.611	14.624	41.293	80.789	30.729	-	173.046
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	-	-	5.611	-	5.611	14.624	41.293	80.789	30.729	-	173.046
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	-	-	5.611	-	5.611	14.624	41.293	80.789	30.729	-	173.046

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Description:

These funds are provided to procure updated Avenger Line Replaceable Units (LRUs) to ensure that Avenger is viable and sustainable until Avenger leaves the force in the Fiscal Year (FY) 30 timeframe. Avenger fills a capability gap which will be permanently filled by Indirect Fire Protection Capability Increment 2 Intercept (IFPC2-I). The Avenger Fire Control Computer (AFCC) will undergo software and hardware upgrades that will enable the system to handle increased targeting capability realized with the latest version of the Forward Area Air Defense (FAAD) early warning system and ensure the system meets the latest Information Assurance (IA) requirements. The VIC intercom system will be upgraded from digital to analog. Mode 5 cooperative target identification functions will be added to improve the system IFF capabilities. New targeting consoles will be placed on all Avengers. New canopies will be placed on all Active Army Avengers. Newly redesigned Environmental Control Unit/Prime Power Units (ECU/PPU) will be procured for all Active Army Avengers). A mix of missiles may be required to launch on this platform until systems are completely retired from the Operational Army.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	5.611	-	5.611	-	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	5.611	-	5.611	14.624	41.293	80.789	30.729

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Exhibit P-3a, Individual Modification: PB 2015 Army										Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10					P-1 Line Item Number / Title: CE8710 / AVENGER MODS					Modification Number / Title: CE8710 / Avenger Mods			
Models of Systems Affected: Avenger Basic and Slew-to-Cue Systems					Modification Type: Operational					Related RDT&E PEs:			
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
Procurement													
Modification Item 1 of 7: M3P Machine Gun													
A Kits													
Recurring													
Kit Quantity	- / -	- / -	- / -	66 / 3.024	- / -	66 / 3.024	235 / 8.249	92 / 2.915	- / -	- / -	- / -	393 / 14.188	
Engineering Services	- / -	- / -	- / -	- / 0.031	- / -	- / 0.031	- / 0.355	- / 0.036	- / -	- / -	- / -	- / 0.422	
NET/Transportation	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.861	- / 0.903	- / -	- / -	- / -	- / 2.764	
Gov't SEPM	- / -	- / -	- / -	- / 0.053	- / -	- / 0.053	- / 0.074	- / 0.075	- / -	- / -	- / -	- / 0.202	
Interim Contractor Support	- / -	- / -	- / -	- / 0.128	- / -	- / 0.128	- / 0.514	- / 0.143	- / -	- / -	- / -	- / 0.785	
Spares/Repairs	- / -	- / -	- / -	- / 0.123	- / -	- / 0.123	- / 0.492	- / 0.118	- / -	- / -	- / -	- / 0.733	
Subtotal: Recurring	- / -	- / -	- / -	- / 3.359	- / -	- / 3.359	- / 11.545	- / 4.190	- / -	- / -	- / -	- / 19.094	
Subtotal: M3P Machine Gun	- / -	- / -	- / -	66 / 3.359	- / -	66 / 3.359	235 / 11.545	92 / 4.190	- / -	- / -	- / -	393 / 19.094	
Modification Item 2 of 7: Voice Intercommunication System													
A Kits													
Recurring													
Kit Quantity	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	393 / 10.489	- / -	- / -	393 / 10.489	
Engineering Services	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.985	- / 0.245	- / -	- / 3.230	
New Equipment Training	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.346	- / 2.650	- / -	- / 3.996	
Interim Contractor Support	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.356	- / 0.146	- / -	- / 0.502	
Spares/Repair Parts	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.292	- / -	- / -	- / 0.292	
Subtotal: Recurring	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.468	- / 3.041	- / -	- / 18.509	
Subtotal: Voice Intercommunication System	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	393 / 15.468	- / 3.041	- / -	393 / 18.509	
Modification Item 3 of 7: Avenger Fire Control Computer													
A Kits													
Recurring													
Kit Quantity	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	393 / 14.527	- / -	- / -	393 / 14.527	
System Engineering/Program Management	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.250	- / 0.240	- / -	- / 1.490	
Spares/Repair Parts	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.010	- / -	- / -	- / 2.010	
Transportation	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.080	- / -	- / 0.080	
New Equipment Training	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.180	- / -	- / 3.180	
Engineering Services	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.420	- / 0.070	- / -	- / 0.490	

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Exhibit P-3a, Individual Modification: PB 2015 Army										Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10				P-1 Line Item Number / Title: CE8710 / AVENGER MODS						Modification Number / Title: CE8710 / Avenger Mods			
Models of Systems Affected: Avenger Basic and Slew-to-Cue Systems				Modification Type: Operational						Related RDT&E PEs:			
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 18.207	- / 3.570	- / -	- / 21.777	
<i>Subtotal: Avenger Fire Control Computer</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	393 / 18.207	- / 3.570	- / -	393 / 21.777	
Modification Item 4 of 7: Mode 5/Identification Friend or Foe													
A Kits													
Recurring													
Kit Quantity	- / -	- / -	- / -	- / -	- / -	- / -	- / -	140 / 28.008	140 / 25.888	113 / 20.269	- / -	393 / 74.165	
Engineering Services	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.149	- / 0.669	- / 0.102	- / -	- / 0.920	
Program Management Support	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.060	- / 0.077	- / 0.078	- / -	- / 0.215	
Transportation	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.202	- / 0.144	- / -	- / 0.346	
Interim Contractor Support	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.473	- / 1.387	- / 1.470	- / -	- / 4.330	
Spares/Repairs	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.166	- / 1.048	- / 0.988	- / -	- / 3.202	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 30.856	- / 29.271	- / 23.051	- / -	- / 83.178	
<i>Subtotal: Mode 5/Identification Friend or Foe</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	140 / 30.856	140 / 29.271	113 / 23.051	- / -	393 / 83.178	
Modification Item 5 of 7: Targeting Console													
A Kits													
Recurring													
Kit Quantity	- / -	- / -	- / -	66 / 1.575	- / -	66 / 1.575	99 / 2.204	- / -	- / -	- / -	- / -	165 / 3.779	
Engineering Services	- / -	- / -	- / -	- / 0.237	- / -	- / 0.237	- / 0.204	- / -	- / -	- / -	- / -	- / 0.441	
SE/PM	- / -	- / -	- / -	- / 0.144	- / -	- / 0.144	- / 0.220	- / -	- / -	- / -	- / -	- / 0.364	
Spares/Repairs	- / -	- / -	- / -	- / 0.072	- / -	- / 0.072	- / 0.110	- / -	- / -	- / -	- / -	- / 0.182	
NET	- / -	- / -	- / -	- / 0.009	- / -	- / 0.009	- / 0.013	- / -	- / -	- / -	- / -	- / 0.022	
Transportation	- / -	- / -	- / -	- / 0.007	- / -	- / 0.007	- / 0.011	- / -	- / -	- / -	- / -	- / 0.018	
Common Requirements	- / -	- / -	- / -	- / 0.208	- / -	- / 0.208	- / 0.317	- / -	- / -	- / -	- / -	- / 0.525	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / 2.252	- / -	- / 2.252	- / 3.079	- / -	- / -	- / -	- / -	- / 5.331	
<i>Subtotal: Targeting Console</i>	- / -	- / -	- / -	66 / 2.252	- / -	66 / 2.252	99 / 3.079	- / -	- / -	- / -	- / -	165 / 5.331	
Modification Item 6 of 7: Environmental Control Unit/ Prime Power Unit													
A Kits													
Recurring													
Kit Quantity	- / -	- / -	- / -	- / -	- / -	- / -	- / -	41 / 3.697	175 / 12.037	- / -	- / -	216 / 15.734	
Spares/Repairs	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.191	- / 0.602	- / -	- / -	- / 0.793	
Transportation	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.019	- / 0.045	- / -	- / -	- / 0.064	

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Exhibit P-3a, Individual Modification: PB 2015 Army										Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10					P-1 Line Item Number / Title: CE8710 / AVENGER MODS					Modification Number / Title: CE8710 / Avenger Mods			
Models of Systems Affected: Avenger Basic and Slew-to-Cue Systems				Modification Type: Operational				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
NET	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.023	- / 0.072	- / -	- / -	- / 0.095	
Engineering Services	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.364	- / 1.043	- / -	- / -	- / 1.407	
SE/PM	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.096	- / 0.301	- / -	- / -	- / 0.397	
Common Requirements	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.383	- / 1.110	- / -	- / -	- / 1.493	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.773	- / 15.210	- / -	- / -	- / 19.983	
<i>Subtotal: Environmental Control Unit/Prime Power Unit</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	41 / 4.773	175 / 15.210	- / -	- / -	216 / 19.983	
Modification Item 7 of 7: Canopy													
A Kits													
Recurring													
Kit Quantity	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	126 / 0.968	- / -	- / -	126 / 0.968	
Fielding	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.059	- / -	- / -	- / 0.059	
Engineering Services	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.097	- / -	- / -	- / 0.097	
SE/PM	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.048	- / -	- / -	- / 0.048	
Common Requirements	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.098	- / -	- / -	- / 0.098	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.270	- / -	- / -	- / 1.270	
<i>Subtotal: Canopy</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	126 / 1.270	- / -	- / -	126 / 1.270	
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / -	- / -	132 / 5.611	- / -	132 / 5.611	334 / 14.624	273 / 39.819	1,227 / 79.426	113 / 29.662	- / -	2,079 / 169.142	
Installation													
<i>Modification Item 1 of 7: M3P Machine Gun</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Modification Item 2 of 7: Voice Intercommunication System</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Modification Item 3 of 7: Avenger Fire Control Computer</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Modification Item 4 of 7: Mode 5/Identification Friend or Foe</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	140 / 1.474	140 / 1.363	113 / 1.067	- / -	393 / 3.904	
<i>Modification Item 5 of 7: Targeting Console</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Modification Item 6 of 7: Environmental Control Unit/ Prime Power Unit</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Modification Item 7 of 7: Canopy</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	140 / 1.474	140 / 1.363	113 / 1.067	- / -	393 / 3.904	
Total													
Total Cost (Procurement + Support + Installation)	-	-	-	5.611	-	5.611	14.624	41.293	80.789	30.729	-	173.046	

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: CE8710 / AVENGER MODS	Modification Number / Title: CE8710 / Avenger Mods

Modification Item 1 of 7: M3P Machine Gun

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: FN Herstal Manufacturer Location: Virginia, South Carolina

Administrative Leadtime (in Months): 1 Production Leadtime (in Months): 10

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates			Mar 2015	Dec 2015	Nov 2016		
Delivery Dates			Jan 2016	May 2016	Apr 2017		

Installation Information

Method of Implementation: Replacement in Field

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	75	75	75	75	75	60	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	75	75	75	75	75	60	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: CE8710 / AVENGER MODS	Modification Number / Title: CE8710 / Avenger Mods

Modification Item 2 of 7: Voice Intercommunication System

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: CECOM Managed Item Manufacturer Location: Tobyhanna, PA

Administrative Leadtime (in Months): 1 Production Leadtime (in Months): 9

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates						Jan 2018	
Delivery Dates						Oct 2019	

Installation Information

Method of Implementation: Contractor Field Service Representative (CFSR) Installation

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75	106	106	106	-	393
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75	106	106	106	-	393

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Exhibit P-3a, Individual Modification: PB 2015 Army	Date: March 2014
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Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: CE8710 / AVENGER MODS	Modification Number / Title: CE8710 / Avenger Mods
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Modification Item 3 of 7: Avenger Fire Control Computer

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Boeing	Manufacturer Location: Everett, Washington
Administrative Leadtime (in Months): 1	Production Leadtime (in Months): 9

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates						Apr 2018	
Delivery Dates						Jan 2019	

Installation Information

Method of Implementation: Integration and Installation in the Field

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

Installation Schedule

PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot				
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4						
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75	106	106	106	393
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75	106	106	106	393

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Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
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Modification Item 4 of 7: Mode 5/Identification Friend or Foe

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Boeing Manufacturer Location: Everett, Washington

Administrative Leadtime (in Months): 1 Production Leadtime (in Months): 5

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates					Jan 2017	Nov 2017	Nov 2018
Delivery Dates					May 2017	Mar 2018	Mar 2019

Installation Information

Method of Implementation: Contractor Field Service Representative (CFSR) Installation

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	140 / 1.474	- / -	- / -	- / -	140 / 1.474
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	140 / 1.363	- / -	- / -	140 / 1.363
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	113 / 1.067	- / -	113 / 1.067
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	140 / 1.474	140 / 1.363	113 / 1.067	- / -	393 / 3.904

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	40	40	50	40	40	40	40	40	33	-	393
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	40	40	50	40	40	40	40	40	33	-	393

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Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
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Modification Item 5 of 7: Targeting Console

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Barco Manufacturer Location: Rancho Cordova, California

Administrative Leadtime (in Months): 1 Production Leadtime (in Months): 6

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates			Mar 2015	Dec 2016			
Delivery Dates			Oct 2015	Jun 2016			

Installation Information

Method of Implementation: Contractor Field Service Representative (CFSR) Installation

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot									
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4											
In	-	-	-	-	-	-	-	-	-	-	-	-	-	33	33	33	33	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	165
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	33	33	33	33	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	165

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
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Modification Item 6 of 7: Environmental Control Unit/Prime Power Unit

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: AWCF Managed Item- Marvin Land Systems Manufacturer Location: Inglewood, CA

Administrative Leadtime (in Months): 4 Production Leadtime (in Months): 9

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates					Mar 2017	Dec 2017	
Delivery Dates					Dec 2017	Mar 2018	

Installation Information

Method of Implementation: Contractor Field Service Representative (CFSR) Installation

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	60	60	55	-	-	-	-	-	216
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	60	60	55	-	-	-	-	-	216

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
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Modification Item 7 of 7: Canopy
Modification Item MDAP/MAIS Code:

Manufacturer Information							
Manufacturer Name: Texstars				Manufacturer Location: East Prairie, Texas			
Administrative Leadtime (<i>in Months</i>): 1				Production Leadtime (<i>in Months</i>): 3			
Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates						Nov 2017	
Delivery Dates						Jan 2018	

Installation Information
Method of Implementation: Installation in Field

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

Installation Schedule																														
PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	42	42	-	-	-	-	-	126
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	42	42	-	-	-	-	-	126

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Number / Title: C61700 / ITAS/TOW Mods
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Resource Summary	ID Code (A=Service Ready, B=Not Service Ready) :		Program Elements for Code B Items:				Other Related Program Elements:					
	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,067.916	-	20.000	19.676	-	19.676	19.734	0.992	-	-	-	1,128.318
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,067.916	-	20.000	19.676	-	19.676	19.734	0.992	-	-	-	1,128.318
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,067.916	-	20.000	19.676	-	19.676	19.734	0.992	-	-	-	1,128.318

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Description:

The Improved Target Acquisition System (ITAS) with Far Target Location (FTL) is a combat proven system that provides long-range, lethal anti-armor and precision assault fires capability for Active Component and Army National Guard Infantry Brigade Combat Teams (IBCT) and Stryker Brigade Combat Teams (SBCT) across the spectrum of contemporary operational environments. ITAS with the TOW Missile provides the capability to defeat armored vehicles, bunkers, and buildings at extended ranges in all battlefield conditions. ITAS's superior surveillance capability also enables the Soldier to shape the battlefield by detecting targets at long range and either engaging with TOW missiles or other weapon systems to destroy those targets with its ability to generate a 10 digit grid coordinate of a target location. The ITAS completed fielding to the total Army in December 2012. The ITAS Image Enhancement (IE) Modification Kit reduces operator workload by optimizing the image presented to the gunner through electronic processing. Electronic focus, image stabilization, and other processing techniques ensure that the image presented is optimized for the environment without manual manipulation of the various adjustment settings. This reduces the operations required by the gunner to achieve a consistent high quality image, reduces the time required to identify and engage targets on the battlefield. ITAS continues to be the weapon of choice in precision combat engagements in Operation Enduring Freedom (OEF).

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	13.370	-	-	-	5.856	0.992	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	6.630	19.676	-	19.676	13.368	-	-	-
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	-	-	-	0.510	-	-	-

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications

P-1 Line Item Number / Title:
C61700 / ITAS/TOW Mods

ID Code (A=Service Ready, B=Not Service Ready) :		Program Elements for Code B Items:					Other Related Program Elements:			
Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Total:	Quantity	-	-	-	-	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	-	20.000	19.676	-	19.676	19.734	0.992	-	-

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - C61700 / NA	P-3a		-	-	1,067.916	-	-	-	-	-	20.000	-	-	19.676	-	-	-	-	-	19.676
Total Gross/Weapon System Cost			-	-	1,067.916	-	-	-	-	-	20.000	-	-	19.676	-	-	-	-	-	19.676

Exhibits Schedule		FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - C61700 / NA	P-3a		-	-	19.734	-	-	0.992	-	-	-	-	-	-	-	-	-	-	-	1,128.318
Total Gross/Weapon System Cost			-	-	19.734	-	-	0.992	-	-	-	-	-	-	-	-	-	-	-	1,128.318

*For the P-3a, Title represents the Modification Number / Title.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
FY2015 Base Procurement dollars in the amount of \$19.676 million supports 310 ITAS Image Enhancement modification kits as well as Government and contractor program management support, fielding, and installation of these systems.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

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Exhibit P-3a, Individual Modification: PB 2015 Army							Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10				P-1 Line Item Number / Title: C61700 / ITAS/TOW Mods				Modification Number / Title: C61700 / NA				

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,067.916	-	20.000	19.676	-	19.676	19.734	0.992	-	-	-	1,128.318
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	1,067.916	-	20.000	19.676	-	19.676	19.734	0.992	-	-	-	1,128.318
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,067.916	-	20.000	19.676	-	19.676	19.734	0.992	-	-	-	1,128.318

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Description:

Modification Description / Justification:

The Improved Target Acquisition System (ITAS) with Far Target Location (FTL) is a combat proven system that provides long-range, lethal anti-armor and precision assault fires capability for Active Component and Army National Guard Infantry Brigade Combat Teams (IBCT) and Stryker Brigade Combat Teams (SBCT) across the spectrum of contemporary operational environments. ITAS with the TOW Missile provides the capability to defeat armored vehicles, bunkers, and buildings at extended ranges in all battlefield conditions. ITAS's superior surveillance capability also enables the Soldier to shape the battlefield by detecting targets at long range and either engaging with TOW missiles or other weapon systems to destroy those targets with its ability to generate a 10 digit grid coordinate of a target location. The ITAS completed fielding to the total Army in December 2012. The ITAS Image Enhancement (IE) Modification Kit reduces operator workload by optimizing the image presented to the gunner through electronic processing. Electronic focus, image stabilization, and other processing techniques ensure that the image presented is optimized for the environment without manual manipulation of the various adjustment settings. This reduces the operations required by the gunner to achieve a consistent high quality image, reduces the time required to identify and engage targets on the battlefield. ITAS continues to be the weapon of choice in precision combat engagements in Operation Enduring Freedom (OEF).

FY2015 Base Procurement dollars in the amount of \$19.676 million supports 310 ITAS Image Enhancement modification kits as well as Government and contractor program management support, fielding, and installation of these systems.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	13.370	-	-	-	-	-	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	6.630	19.676	-	19.676	-	-	-	-

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Exhibit P-3a, Individual Modification: PB 2015 Army	Date: March 2014
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Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C61700 / ITAS/TOW Mods	Modification Number / Title: C61700 / NA
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Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Total:	Quantity	-	-	-	-	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	-	20.000	19.676	-	19.676	19.734	0.992	-	-

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Exhibit P-3a, Individual Modification: PB 2015 Army										Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10					P-1 Line Item Number / Title: C61700 / ITAS/TOW Mods					Modification Number / Title: C61700 / NA			
Models of Systems Affected: NA				Modification Type: NA				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
Procurement													
<i>Modification Item 1 of 1: ITAS (IMPROVED TARGET ACQUISITION SYSTEM)</i>													
A Kits													
Recurring													
Kit Quantity	1,552 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,552 / -	
Equipment	0 / 840.478	- / -	- / 17.718	- / 15.394	- / -	- / 15.394	- / 14.055	- / -	- / -	- / -	- / -	- / 887.645	
Fielding	0 / 48.933	- / -	- / -	- / 1.622	- / -	- / 1.622	- / 2.236	- / 0.673	- / -	- / -	- / -	- / 53.464	
Project Management	0 / 71.353	- / -	- / 2.282	- / 2.660	- / -	- / 2.660	- / 3.443	- / 0.319	- / -	- / -	- / -	- / 80.057	
Data	0 / 1.912	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.912	
Subtotal: Recurring	- / 962.676	- / -	- / 20.000	- / 19.676	- / -	- / 19.676	- / 19.734	- / 0.992	- / -	- / -	- / -	- / 1,023.078	
Non-Recurring													
Training Equipment	0 / 53.536	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 53.536	
Production Line Restart	0 / 3.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.700	
Initial Spares	0 / 48.004	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 48.004	
Subtotal: Non-Recurring	- / 105.240	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 105.240	
Subtotal: ITAS (IMPROVED TARGET ACQUISITION SYSTEM)	1,552 / 1,067.916	- / -	- / 20.000	- / 19.676	- / -	- / 19.676	- / 19.734	- / 0.992	- / -	- / -	- / -	1,552 / 1,128.318	
Subtotal: Procurement, All Modification Items	1,552 / 1,067.916	- / -	- / 20.000	- / 19.676	- / -	- / 19.676	- / 19.734	- / 0.992	- / -	- / -	- / -	1,552 / 1,128.318	
Installation													
<i>Modification Item 1 of 1: ITAS (IMPROVED TARGET ACQUISITION SYSTEM)</i>	1,552 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,552 / -	
Subtotal: Installation	1,552 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,552 / -	
Total													
Total Cost (Procurement + Support + Installation)	1,067.916	-	20.000	19.676	-	19.676	19.734	0.992	-	-	-	1,128.318	

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Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C61700 / ITAS/TOW Mods	Modification Number / Title: C61700 / NA

Modification Item 1 of 1: ITAS (IMPROVED TARGET ACQUISITION SYSTEM)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Raytheon Network Centric Systems Company	Manufacturer Location: McKinney, TX
Administrative Leadtime (in Months): 4	Production Leadtime (in Months): 23

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: N/A

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	1,552 / 0.000	- / -	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	1,552 / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1,552 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,552 / -

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
In	1,552	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	1,552	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Number / Title: C67500 / MLRS Mods
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Resource Summary	Prior Years	Program Elements for Code B Items:					Other Related Program Elements:					
		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	52.870	2.361	11.571	10.380	-	10.380	23.316	37.589	37.913	37.466	158.380	371.846
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	52.870	2.361	11.571	10.380	-	10.380	23.316	37.589	37.913	37.466	158.380	371.846
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	52.870	2.361	11.571	10.380	-	10.380	23.316	37.589	37.913	37.466	158.380	371.846

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Description:

The Multiple Launch Rocket and Missile System (MLRS) is a full spectrum, combat proven, all weather, 24/7 lethal and responsive, Precision Strike weapon system that is organic/assigned to Fires Brigades supporting Brigade Combat Teams. The MLRS launcher provides critical missile precision strike, operational shaping fires, counterfire, and close support destructive and suppressive fires. The launcher is complemented by the MLRS Family of Munitions (MFOM) to include the Guided Multiple Launch Rocket System (GMLRS) and the Army Tactical Missile System (ATACMS) Family of Munitions (AFOM), capable of engaging targets up to a range of 300 kilometers.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	2.329	9.287	8.380	-	8.380	22.468	37.589	19.213	20.976
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.032	2.284	2.000	-	2.000	0.848	-	18.700	16.490
Total:	Quantity	-	-	-	-	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	2.361	11.571	10.380	-	10.380	23.316	37.589	37.913	37.466

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications

P-1 Line Item Number / Title:
C67500 / MLRS Mods

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:**

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - C67500 / Multiple Launch Rocket System (MLRS) Modifications	P-3a		-	-	52.870	-	-	2.361	-	-	11.571	-	-	10.380	-	-	-	-	-	10.380
Total Gross/Weapon System Cost			-	-	52.870	-	-	2.361	-	-	11.571	-	-	10.380	-	-	-	-	-	10.380

Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - C67500 / Multiple Launch Rocket System (MLRS) Modifications	P-3a		-	-	23.316	-	-	37.589	-	-	37.913	-	-	37.466	-	-	158.380	-	-	371.846
Total Gross/Weapon System Cost			-	-	23.316	-	-	37.589	-	-	37.913	-	-	37.466	-	-	158.380	-	-	371.846

*For the P-3a, Title represents the Modification Number / Title.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
FY15 Base procurement dollars in the amount of \$10.380 million facilitate the Improved Armored Cab (IAC) production line, and initiate procurement and installation of IAC, Obsolescence Mitigation/Engineering Change Proposal Integration to include measure for other hardware and software required in support of launcher upgrades.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army							Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10				P-1 Line Item Number / Title: C67500 / MLRS Mods				Modification Number / Title: C67500 / Multiple Launch Rocket System (MLRS) Modifications				

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	52.870	2.361	11.571	10.380	-	10.380	23.316	37.589	37.913	37.466	158.380	371.846
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	52.870	2.361	11.571	10.380	-	10.380	23.316	37.589	37.913	37.466	158.380	371.846
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	52.870	2.361	11.571	10.380	-	10.380	23.316	37.589	37.913	37.466	158.380	371.846

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Description:

Modifications of the MLRS System

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	2.329	9.287	8.380	-	8.380	-	-	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.032	2.284	2.000	-	2.000	-	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	2.361	11.571	10.380	-	10.380	23.316	37.589	37.913	37.466

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army										Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10					P-1 Line Item Number / Title: C67500 / MLRS Mods					Modification Number / Title: C67500 / Multiple Launch Rocket System (MLRS) Modifications				
Models of Systems Affected: M270A1				Modification Type: .				Related RDT&E PEs:						
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total		
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>		
Procurement														
Modification Item 1 of 4: Obsolescence Mitigations/ECP Reliability Intg														
A Kits														
Recurring														
Equipment	0 / 30.884	- / 1.497	- / 3.711	- / 1.400	- / -	- / 1.400	- / 1.370	- / 1.501	- / 1.506	- / 1.348	- / 15.615	- / 58.832		
Subtotal: Recurring	- / 30.884	- / 1.497	- / 3.711	- / 1.400	- / -	- / 1.400	- / 1.370	- / 1.501	- / 1.506	- / 1.348	- / 15.615	- / 58.832		
Subtotal: Obsolescence Mitigations/ECP Reliability Intg	0 / 30.884	- / 1.497	- / 3.711	- / 1.400	- / -	- / 1.400	- / 1.370	- / 1.501	- / 1.506	- / 1.348	- / 15.615	- / 58.832		
Modification Item 2 of 4: Enhanced Command and Control (C2)														
A Kits														
Recurring														
Equipment	225 / 19.394	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	225 / 19.394		
Subtotal: Recurring	- / 19.394	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 19.394		
Subtotal: Enhanced Command and Control (C2)	225 / 19.394	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	225 / 19.394		
Modification Item 3 of 4: Improved Armored Cab (IAC)														
A Kits														
Recurring														
Equipment	- / -	- / -	16 / 7.716	17 / 8.542	- / -	17 / 8.542	48 / 21.408	42 / 18.690	41 / 17.958	42 / 18.396	19 / 8.322	225 / 101.032		
Subtotal: Recurring	- / -	- / -	- / 7.716	- / 8.542	- / -	- / 8.542	- / 21.408	- / 18.690	- / 17.958	- / 18.396	- / 8.322	- / 101.032		
Subtotal: Improved Armored Cab (IAC)	- / -	- / -	16 / 7.716	17 / 8.542	- / -	17 / 8.542	48 / 21.408	42 / 18.690	41 / 17.958	42 / 18.396	19 / 8.322	225 / 101.032		
Modification Item 4 of 4: Fire Control System (FCS) Upgrade														
A Kits														
Recurring														
Equipment	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 15.850	9 / 17.069	7 / 16.349	207 / 132.400	225 / 181.668		
Subtotal: Recurring	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.850	- / 17.069	- / 16.349	- / 132.400	- / 181.668		
Subtotal: Fire Control System (FCS) Upgrade	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 15.850	9 / 17.069	7 / 16.349	207 / 132.400	225 / 181.668		
Subtotal: Procurement, All Modification Items	225 / 50.278	- / 1.497	16 / 11.427	17 / 9.942	- / -	17 / 9.942	48 / 22.778	44 / 36.041	50 / 36.533	49 / 36.093	226 / 156.337	675 / 360.926		
Installation														
Modification Item 1 of 4: Obsolescence Mitigations/ECP Reliability Intg														
Equipment	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -		

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C67500 / MLRS Mods	Modification Number / Title: C67500 / Multiple Launch Rocket System (MLRS) Modifications

Financial Plan	Models of Systems Affected: M270A1			Modification Type: .			Related RDT&E PEs:					
	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Modification Item 2 of 4: Enhanced Command and Control (C2)	162 / 2.592	54 / 0.864	9 / 0.144	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	225 / 3.600
Modification Item 3 of 4: Improved Armored Cab (IAC)	0 / 0.000	- / -	- / -	16 / 0.438	- / -	16 / 0.438	17 / 0.538	48 / 1.548	42 / 1.380	41 / 1.373	61 / 2.043	225 / 7.320
Modification Item 4 of 4: Fire Control System (FCS) Upgrade	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / -	9 / -	214 / -	225 / -
<i>Subtotal: Installation</i>	162 / 2.592	54 / 0.864	9 / 0.144	16 / 0.438	- / -	16 / 0.438	17 / 0.538	48 / 1.548	44 / 1.380	50 / 1.373	275 / 2.043	675 / 10.920
Total												
Total Cost (Procurement + Support + Installation)	52.870	2.361	11.571	10.380	-	10.380	23.316	37.589	37.913	37.466	158.380	371.846

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C67500 / MLRS Mods	Modification Number / Title: C67500 / Multiple Launch Rocket System (MLRS) Modifications

Modification Item 1 of 4: Obsolescence Mitigations/ECP Reliability Intg

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime (in Months):	Production Leadtime (in Months):

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: TBD

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C67500 / MLRS Mods	Modification Number / Title: C67500 / Multiple Launch Rocket System (MLRS) Modifications

Modification Item 2 of 4: Enhanced Command and Control (C2)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 9

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: TBD

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	162 / 2.592	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	162 / 2.592
FY 2013	0 / 0.000	54 / 0.864	9 / 0.144	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	63 / 1.008
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	162 / 2.592	54 / 0.864	9 / 0.144	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	225 / 3.600

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4					
In	162	13	13	14	14	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	225
Out	162	-	19	19	16	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	225

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C67500 / MLRS Mods	Modification Number / Title: C67500 / Multiple Launch Rocket System (MLRS) Modifications

Modification Item 3 of 4: Improved Armored Cab (IAC)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 9

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates			Jan 2015	Jan 2016	Jan 2017	Jan 2018	Jan 2019
Delivery Dates			Sep 2015	Sep 2016	Sep 2017	Sep 2018	Sep 2019

Installation Information

Method of Implementation: TBD

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	16 / 0.438	- / -	16 / 0.438	- / -	- / -	- / -	- / -	- / -	16 / 0.438
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	17 / 0.538	- / -	- / -	- / -	- / -	17 / 0.538
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	48 / 1.548	- / -	- / -	- / -	48 / 1.548
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / 1.380	- / -	- / -	42 / 1.380
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	41 / 1.373	- / -	41 / 1.373
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / 1.407	42 / 1.407
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 0.636	19 / 0.636
Total	0 / 0.000	- / -	- / -	16 / 0.438	- / -	16 / 0.438	17 / 0.538	48 / 1.548	42 / 1.380	41 / 1.373	61 / 2.043	225 / 7.320

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-	17	-	-	-	48	-	-	-	42	-	-	-	41	61	225
Out	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-	17	-	-	-	48	-	-	-	42	-	-	-	41	61	225

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C67500 / MLRS Mods	Modification Number / Title: C67500 / Multiple Launch Rocket System (MLRS) Modifications

Modification Item 4 of 4: Fire Control System (FCS) Upgrade

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 9

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates					Jan 2017	Jan 2018	Jan 2019
Delivery Dates					Oct 2017	Oct 2018	Oct 2019

Installation Information

Method of Implementation: TBD

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / -	- / -	- / -	2 / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / -	- / -	9 / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / -	7 / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	207 / -	207 / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / -	9 / -	214 / -	225 / -

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	2	2	3	214	225
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	9	214	225

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Number / Title: C67501 / HIMARS Modifications
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ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements: 0210600A, 0603778A, 0210602A
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Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	202.610	5.787	6.105	6.008	-	6.008	3.292	2.600	3.386	6.451	204.749	440.988
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	202.610	5.787	6.105	6.008	-	6.008	3.292	2.600	3.386	6.451	204.749	440.988
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	202.610	5.787	6.105	6.008	-	6.008	3.292	2.600	3.386	6.451	204.749	440.988

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:

The M142 High Mobility Artillery Rocket System (HIMARS) is a C-130 Transportable launcher mounted on a Family of Medium Tactical Vehicles (FMTV) chassis. The HIMARS is capable of firing either six Multiple Rocket Launcher System (MLRS) Family of Munitions (MFOM) rockets or one Army Tactical Missile System (ATACMS) Family of Munitions (AFOM) missile to a range of 300 kilometers. Modification kits will be procured for the HIMARS Launcher and associated training and ground support equipment. These modifications are vital to the Forces and will provide an increase in crew protection via an Increased Crew Protection (ICP) cab, Enhance Command and Control (C2), decrease Operations and Support costs, reduce logistical impacts, resolve safety issues, and mitigate obsolescence.

	Secondary Distribution	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.395	3.614	2.485	-	2.485	1.127	0.782	1.167	2.687
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	2.392	2.491	3.523	-	3.523	2.165	1.818	2.219	3.764
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	5.787	6.105	6.008	-	6.008	3.292	2.600	3.386	6.451

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications

P-1 Line Item Number / Title:
C67501 / HIMARS Modifications

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0210600A, 0603778A, 0210602A

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - C67501 / HIMARS Modifications	P-3a		-	-	202.610	-	-	5.787	-	-	6.105	-	-	6.008	-	-	-	-	-	6.008
Total Gross/Weapon System Cost			-	-	202.610	-	-	5.787	-	-	6.105	-	-	6.008	-	-	-	-	-	6.008

Exhibits Schedule		FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - C67501 / HIMARS Modifications	P-3a		-	-	3.292	-	-	2.600	-	-	3.386	-	-	6.451	-	-	204.749	-	-	440.988
Total Gross/Weapon System Cost			-	-	3.292	-	-	2.600	-	-	3.386	-	-	6.451	-	-	204.749	-	-	440.988

*For the P-3a, Title represents the Modification Number / Title.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
FY 2015 Base procurement dollars in the amount of \$6.008 million procure and install Enhanced Command and Control (C2), Obsolescence Mitigation/Engineering Change Proposal Integration to include measures for other hardware and software required in support of launcher upgrades such as transparent armor protection and suspension improvements.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C67501 / HIMARS Modifications	Modification Number / Title: C67501 / HIMARS Modifications
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Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	202.610	5.787	6.105	6.008	-	6.008	3.292	2.600	3.386	6.451	204.749	440.988
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	202.610	5.787	6.105	6.008	-	6.008	3.292	2.600	3.386	6.451	204.749	440.988
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	202.610	5.787	6.105	6.008	-	6.008	3.292	2.600	3.386	6.451	204.749	440.988

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Description:

The M142 HIMARS is a C-130 transportable launcher mounted on a Family of Medium Tactical Vehicles Chassis. The HIMARS is capable of firing either six MLRS Family of Munitions rockets or one ATACMS Family of Munitions missile to a range of 300 kilometers.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.395	3.614	2.485	-	2.485	-	-	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	2.392	2.491	3.523	-	3.523	-	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	5.787	6.105	6.008	-	6.008	3.292	2.600	3.386	6.451

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Exhibit P-3a, Individual Modification: PB 2015 Army										Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10					P-1 Line Item Number / Title: C67501 / HIMARS Modifications					Modification Number / Title: C67501 / HIMARS Modifications			
Models of Systems Affected: M142 High Mobility Artillery Rocket System				Modification Type: Operational, Reliability, Safety, Crew Survivability				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Modification Item 1 of 3: Enhanced Command and Control (C2)													
A Kits													
Recurring													
Equipment	375 / 37.359	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	375 / 37.359	
<i>Subtotal: Recurring</i>	- / 37.359	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 37.359	
<i>Subtotal: Enhanced Command and Control (C2)</i>	375 / 37.359	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	375 / 37.359	
Modification Item 2 of 3: Increased Crew Protection (ICP) Cab													
A Kits													
Recurring													
Kit Quantity	222 / 65.102	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	222 / 65.102	
<i>Subtotal: Recurring</i>	- / 65.102	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 65.102	
<i>Subtotal: Increased Crew Protection (ICP) Cab</i>	222 / 65.102	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	222 / 65.102	
Modification Item 3 of 3: Reliability Obsolescence Mitigation (MOD 4)													
A Kits													
Recurring													
Equipment	375 / 92.908	- / 5.339	- / 5.432	- / 5.322	- / -	- / 5.322	- / 3.219	- / 2.600	- / 3.386	- / 6.451	- / 204.749	375 / 329.406	
<i>Subtotal: Recurring</i>	- / 92.908	- / 5.339	- / 5.432	- / 5.322	- / -	- / 5.322	- / 3.219	- / 2.600	- / 3.386	- / 6.451	- / 204.749	- / 329.406	
<i>Subtotal: Reliability Obsolescence Mitigation (MOD 4)</i>	375 / 92.908	- / 5.339	- / 5.432	- / 5.322	- / -	- / 5.322	- / 3.219	- / 2.600	- / 3.386	- / 6.451	- / 204.749	375 / 329.406	
<i>Subtotal: Procurement, All Modification Items</i>	972 / 195.369	- / 5.339	- / 5.432	- / 5.322	- / -	- / 5.322	- / 3.219	- / 2.600	- / 3.386	- / 6.451	- / 204.749	972 / 431.867	
Installation													
Modification Item 1 of 3: Enhanced Command and Control (C2)	25 / 0.108	93 / 0.400	127 / 0.546	130 / 0.559	- / -	130 / 0.559	- / -	- / -	- / -	- / -	- / -	375 / 1.613	
Modification Item 2 of 3: Increased Crew Protection (ICP) Cab	222 / 7.133	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	222 / 7.133	
Modification Item 3 of 3: Reliability Obsolescence Mitigation (MOD 4)	0 / 0.000	48 / 0.048	127 / 0.127	127 / 0.127	- / -	127 / 0.127	73 / 0.073	- / -	- / -	- / -	- / -	375 / 0.375	
<i>Subtotal: Installation</i>	247 / 7.241	141 / 0.448	254 / 0.673	257 / 0.686	- / -	257 / 0.686	73 / 0.073	- / -	- / -	- / -	- / -	972 / 9.121	
Total													

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army										Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10				P-1 Line Item Number / Title: C67501 / HIMARS Modifications						Modification Number / Title: C67501 / HIMARS Modifications			
Models of Systems Affected: M142 High Mobility Artillery Rocket System				Modification Type: Operational, Reliability, Safety, Crew Survivability				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
Total Cost (Procurement + Support + Installation)	202.610	5.787	6.105	6.008	-	6.008	3.292	2.600	3.386	6.451	204.749	440.988	

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Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C67501 / HIMARS Modifications	Modification Number / Title: C67501 / HIMARS Modifications

Modification Item 1 of 3: Enhanced Command and Control (C2)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TDB

Manufacturer Location: TDB

Administrative Leadtime (in Months): 3

Production Leadtime (in Months): 9

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: TDB

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	25 / 0.108	93 / 0.400	127 / 0.546	130 / 0.559	- / -	130 / 0.559	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	375 / 1.613
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	25 / 0.108	93 / 0.400	127 / 0.546	130 / 0.559	- / -	130 / 0.559	- / -	- / -	- / -	- / -	- / -	375 / 1.613

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
In	375	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	25	19	19	19	36	19	38	38	32	19	38	38	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C67501 / HIMARS Modifications	Modification Number / Title: C67501 / HIMARS Modifications

Modification Item 2 of 3: Increased Crew Protection (ICP) Cab

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD

Manufacturer Location: TBD

Administrative Leadtime (in Months): 3

Production Leadtime (in Months): 9

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: TBD

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	222 / 7.133	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	222 / 7.133
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	222 / 7.133	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	222 / 7.133

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	222	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	222
Out	222	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	222

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 03 / 10	P-1 Line Item Number / Title: C67501 / HIMARS Modifications	Modification Number / Title: C67501 / HIMARS Modifications
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Modification Item 3 of 3: Reliability Obsolescence Mitigation (MOD 4)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD Manufacturer Location: TBD

Administrative Leadtime (in Months): 3 Production Leadtime (in Months): 9

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	May 2012						
Delivery Dates	Feb 2013						

Installation Information

Method of Implementation: TBD

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	127 / 0.127	127 / 0.127	- / -	127 / 0.127	73 / 0.073	- / 0.000	- / 0.000	- / 0.000	- / 0.000	327 / 0.327
FY 2013	0 / 0.000	48 / 0.048	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	48 / 0.048
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	48 / 0.048	127 / 0.127	127 / 0.127	- / -	127 / 0.127	73 / 0.073	- / -	- / -	- / -	- / -	375 / 0.375

Installation Schedule

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
In	198	44	44	44	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	19	19	10	19	38	38	32	19	38	38	32	38	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 04: Spares and Repair Parts / BSA 10: Spares And Repair Parts

P-1 Line Item Number / Title:
CA0250 / Spares And Repair Parts

ID Code (A=Service Ready, B=Not Service Ready) :			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	10	10	-	10	10	10	10	10	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	222.864	7.297	10.474	36.930	-	36.930	40.615	34.184	13.059	13.096	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	222.864	7.297	10.474	36.930	-	36.930	40.615	34.184	13.059	13.096	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	222.864	7.297	10.474	36.930	-	36.930	40.615	34.184	13.059	13.096	Continuing	Continuing

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	1,047.400	3,693.000	-	3,693.000	4,061.500	3,418.400	1,305.900	1,309.600	Continuing	Continuing

The FY 2015 OCO Request will be submitted at a later date.

Description:

Provides for the procurement of spares to support initial fielding of new or modified end items.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	9	8	-	8	8	8	8	8
	Total Obligation Authority	7.297	10.316	36.704	-	36.704	40.389	33.958	12.833	12.870
ANG	Quantity	-	1	2	-	2	2	2	2	2
	Total Obligation Authority	-	0.158	0.226	-	0.226	0.226	0.226	0.226	0.226
Total:	Quantity	-	10	10	-	10	10	10	10	10
Secondary Distribution	Total Obligation Authority	7.297	10.474	36.930	-	36.930	40.615	34.184	13.059	13.096

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - CA0265 / MLRS MODIFICATION INITIAL SPARES	P-40a***		-	-	25.560	-	-	0.783	108.300	10	1.083	107.500	10	1.075	-	-	-	107.500	10	1.075

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 04: Spares and Repair Parts / BSA 10: Spares And Repair Parts

P-1 Line Item Number / Title:
CA0250 / Spares And Repair Parts

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:**

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - CA0267 / PATRIOT MODIFICATION INITIAL SPARES	P-40a***		-	-	197.304	-	-	6.514	-	-	9.391	-	-	35.855	-	-	-	-	-	35.855
Total Gross/Weapon System Cost			-	-	222.864	-	-	7.297	1,047.400	10	10.474	3,693.000	10	36.930	-	-	-	3,693.000	10	36.930

*** Although this is an Exhibit P-40a item, the actual exhibit is not included since all of the required information for this item is already being shown here.

*For Items, Title represents the Item Number / Title [DODIC].

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
FY 15 Base procurement dollars in the amount of \$36.930 million support the acquisition of MLRS Modification and Patriot Modification initial spares. The funds in this account procure depot level repairable (DLR) secondary items from the Supply Management, Army, activity of the Army Working Capital Fund and commercial life cycle support vendors. To provide initial support, funds are normally required in the same year that end items are fielded.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 05: Support Equipment and Facilities / BSA 10: Support Equipment & Facilities

P-1 Line Item Number / Title:
C93000 / Air Defense Targets

ID Code (A=Service Ready, B=Not Service Ready) :			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	419.547	3.584	3.530	3.657	-	3.657	3.779	3.894	4.011	4.092	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	419.547	3.584	3.530	3.657	-	3.657	3.779	3.894	4.011	4.092	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	419.547	3.584	3.530	3.657	-	3.657	3.779	3.894	4.011	4.092	Continuing	Continuing

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Description:

Air Defense Artillery (ADA) Targets program provides target hardware and associated scoring, payload, and ground support equipment TO enable Air Defense Artillery Soldiers and units to conduct required training. This training consists of Department of the Army Pamphlet (DA PAM) 350-38 (Standards in Training Commission) required gunnery tables and aerial target tracking, training, and scoring. Target systems are also available to support collective training exercises and Force Development Testing and Experimentation (FDT&E) investigations of engagement techniques for small unmanned aircraft systems.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.584	3.530	3.657	-	3.657	3.779	3.894	4.011	4.092
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.584	3.530	3.657	-	3.657	3.779	3.894	4.011	4.092

Justification:

FY 2015 Base procurement dollars in the amount of \$3.657 million support Air Defense Artillery Targets and scoring, payload, and ground support equipment for training required in DA PAM 350-38, Standards in Training Commission (STRAC). These items support gunnery tables, aerial target tracking (Captive Flight Trainer (CFT), and Tracking Head Trainer (THT)) training, Missile Live Fire training when missiles are allocated in accordance with (IAW) the Missile Distribution Plan), and U.S. Army Avenger systems worldwide. Training requirements are generated by Department of the Army Major Field Commands, Training Centers, Division Level Commands, and real world mission rehearsals. These field requirements have been reviewed and validated against ongoing force restructuring and are consistent with the approved

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 05: Support Equipment and Facilities / BSA 10: Support Equipment & Facilities		P-1 Line Item Number / Title: C93000 / Air Defense Targets
ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements:
training doctrine. These targets are necessary to meet Army Regulation 220-1 (Unit Status Reporting) training requirements, training strategies and gunnery standards, and soldier qualification in support of unit readiness.		
In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 05: Support Equipment and Facilities / BSA 10: Support Equipment & Facilities **P-1 Line Item Number / Title:** CL2000 / Items Less Than \$5.0m (Missiles)

ID Code (A=Service Ready, B=Not Service Ready) :			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	47.767	1.443	1.748	1.522	-	1.522	1.556	1.582	1.610	1.639	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	47.767	1.443	1.748	1.522	-	1.522	1.556	1.582	1.610	1.639	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	47.767	1.443	1.748	1.522	-	1.522	1.556	1.582	1.610	1.639	Continuing	Continuing

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:

Provides for the procurement of various tools and shop sets to perform missile maintenance repair tasks on the Army's missile systems worldwide.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	1.443	1.748	1.522	-	1.522	1.556	1.582	1.610	1.639
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	1.443	1.748	1.522	-	1.522	1.556	1.582	1.610	1.639

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - CL2000 / Items Less Than \$5.0m (Missiles)	P-5		-	-	47.767	-	-	1.443	-	-	1.748	-	-	1.522	-	-	-	-	-	1.522
Total Gross/Weapon System Cost			-	-	47.767	-	-	1.443	-	-	1.748	-	-	1.522	-	-	-	-	-	1.522

*For Items, Title represents the Item Number / Title [DODIC].

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 05: Support Equipment and Facilities / BSA 10: Support Equipment & Facilities		P-1 Line Item Number / Title: CL2000 / Items Less Than \$5.0m (Missiles)
ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements:
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		

Justification:
FY15 Base procurement dollars in the amount of \$1.522 million support the acquisition of tools and shop sets that support Patriot, Tube-launched, Optically-tracked, Wire-guided (TOW 2A) missile, TOW/ Improved Target Acquisition System (TOW 2B Aero/ITAS) missile, Multiple Launch Rocket System (MLRS), High Mobility Artillery Rocket System (HIMARS), Javelin, and Avenger. The U.S. Army Aviation and Missile Life Cycle Management Command (AMCOM-LCMC) provides materiel support to U.S. Army combat units. Under the AMCOM-LCMC, the Program Executive Office, Missiles and Space (PEO MS) is required to build new toolkits and shop sets and replenish unserviceable toolkits and shop sets. The U.S. Army grew Brigade Combat Teams (BCTs) from FY07-FY10 and Program Managers (PMs) placed more tool kits into use. This request funds the increase in wholesale stock.

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Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 05 / 10	P-1 Line Item Number / Title: CL2000 / Items Less Than \$5.0m (Missiles)	Item Number / Title [DODIC]: CL2000 / Items Less Than \$5.0m (Missiles)

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	47.767	1.443	1.748	1.522	-	1.522
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	47.767	1.443	1.748	1.522	-	1.522
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	47.767	1.443	1.748	1.522	-	1.522

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
Shop Sets / Tools		-	-	47.767	-	-	1.443	-	-	1.748	-	-	1.522	-	-	-	-	-	1.522
<i>Subtotal: Recurring Cost</i>		-	-	47.767	-	-	1.443	-	-	1.748	-	-	1.522	-	-	-	-	-	1.522
<i>Subtotal: Flyaway Cost</i>		-	-	47.767	-	-	1.443	-	-	1.748	-	-	1.522	-	-	-	-	-	1.522
Gross/Weapon System Cost		-	-	47.767	-	-	1.443	-	-	1.748	-	-	1.522	-	-	-	-	-	1.522

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	1.443	1.748	1.522	-	1.522
Total:	Quantity	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	1.443	1.748	1.522	-	1.522

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 05: Support Equipment and Facilities / BSA 10: Support Equipment & Facilities **P-1 Line Item Number / Title:** CA0100 / Production Base Support

ID Code (A=Service Ready, B=Not Service Ready) :		Program Elements for Code B Items:					Other Related Program Elements:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	354.442	4.824	4.677	4.710	-	4.710	4.742	4.823	5.099	5.205	-	388.522
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	354.442	4.824	4.677	4.710	-	4.710	4.742	4.823	5.099	5.205	-	388.522
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	354.442	4.824	4.677	4.710	-	4.710	4.742	4.823	5.099	5.205	-	388.522

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:

This program provides Production Support and Equipment Replacement (PSR) of Government-owned equipment used in production and production testing of missile systems or missile components.

Project Schedule		ID CD	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Project	Exhibits		Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)
Production Support			-	4.824	4.677	4.710	-	4.710
Iowa Army Ammunition Plant			-	2.412	2.631	3.008	-	3.008
PIF for Other (RN08 - Production Base)	P25		-	2.412	2.631	3.008	-	3.008
Redstone Tech Test Center; White Sands Test Center			-	2.412	2.046	1.702	-	1.702
PIF FOR OTHER (RL07 - Test & Evaluation)	P25		-	2.412	2.046	1.702	-	1.702

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Exhibit P-40, Budget Line Item Justification: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 05: Support Equipment and Facilities / BSA 10: Support Equipment & Facilities
P-1 Line Item Number / Title: CA0100 / Production Base Support

ID Code (A=Service Ready, B=Not Service Ready) :			Program Elements for Code B Items:			Other Related Program Elements:		
Project Schedule		ID CD	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Project	Exhibits		Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)
Total Gross/ Weapon System Cost			-	4.824	4.677	4.710	-	4.710

*For the P-17 and P-25, the Project column displays a three-level indentation: Project Category (e.g., Environmental), followed by the Facility, followed by the Project Name. Exhibits with no Project Category are included under the "Uncategorized" category. For the P-26, the Project column displays a two-level indentation: Project Type (e.g., Inactive Plants, Inactive Lines at Contractor Plants and Inactive Lines at Active Plants), followed by the Facility. Note also that although all P-17, P-25 and P-26 projects are shown in the project schedule, not all projects will have a corresponding exhibit. A P-17 or P-25 exhibit is only included if data beyond the Project Number, Project Title and Cost are included (for example: for the P-17, Description, Manufacturer, etc.; for the P-25, Narrative Explanation, Cost Elements, Principle Milestones, etc.). A P-26 exhibit is only included if data beyond Project Type and Total Cost are included (for example, Description, Contractor, Maintenance/Recurring/Environmental/Other costs, etc.).

Justification:
 FY 2015 Base procurement dollars in the amount of \$4.710 million support the establishment, modernization, expansion, or replacement of Army-owned industrial facilities. These funds are essential to sustain the Army's production capability for missile end items.

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Exhibit P-25, Production Support and Industrial Facilities Cost Analysis: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 05 / 10 **P-1 Line Item Number / Title:** CA0100 / Production Base Support

Project Title: PIF for Other (RN08 - Production Base) **Project Number:** 6XX5333 **Project Category:** Production Support

End Item Supported Model: Missile Warheads **Annual Capacity Before / After (1-8-5):** /

Cost Elements <i>(\$ in Millions)</i>	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	Facility Name: Iowa Army Ammunition Plant Facility Location: Middletown, IA Facility Type (GOGO, GOCO, COCO): GOCO							
						Principal Milestones					Month & Year		Related Projects
A. Construction Cost	0.615	0.485	2.182	-	2.182	Concept Design Complete:					Mar 2015 / May 2015		
B. Equipment Cost	1.133	1.990	0.331	-	0.331	Final Design Complete:					Sep 2016		
C. Equipment Installation Cost	0.567	0.125	0.189	-	0.189	Initial/Final Project Award:					Oct 2016		
D. Contractor Support Cost	0.068	0.031	0.166	-	0.166	Construction Complete:					Nov 2016		
E. Corps of Engineers Support Cost	-	-	-	-	-	Equipment Installation Complete:					Nov 2016		
F. Other In-House Support Cost	-	-	-	-	-	Prove Out Begins:					Nov 2016		
G. Total Facility Project Cost	-	-	-	-	-	Prove Out Complete:					Nov 2016		
H. Other Costs	0.029	-	0.140	-	0.140								
Total Project Cost	2.412	2.631	3.008	-	3.008								
						Project Number	Title	FY & Appn	Value (\$ M)	Facing	Start Date	Compl Date	

Narrative Explanation:
 FY 2015 Base procurement dollars in the amount of \$3.008 million support renovation to specific areas of Line 1 at Iowa Army Ammunition Plant in order to combat exterior deterioration. This includes reroofing ramps and seal coat access roads to insure safety of the overall usefulness of the facilities. It also includes the rehabilitation of roadways impacting the southern portion of Line 1, as the base rock has deteriorated and is no longer capable of supporting the surface. It will provide for a central vacuum system in Building 1-10 which will allow spilled or residual explosive powder to be collected from equipment in a manner allowing safe and efficient disposal. This effort will also support construction of a Warhead Reprocessing Facility to allow remote operation for sawing of explosive charges and provide for operator safety.

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Exhibit P-25, Production Support and Industrial Facilities Cost Analysis: PB 2015 Army **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 05 / 10 **P-1 Line Item Number / Title:** CA0100 / Production Base Support

Project Title: PIF FOR OTHER (RL07 - Test & Evaluation) **Project Number:** 6XXXXXX **Project Category:** Production Support

End Item Supported Model: Testing of Missile Systems **Annual Capacity Before / After (1-8-5):** /

Cost Elements <i>(\$ in Millions)</i>	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	Facility Name: Redstone Tech Test Center; White Sands Test Center Facility Location: Huntsville, AL; White Sands Missile Range, NM Facility Type (GOGO, GOCO, COCO): GOGO							
A. Construction Cost	-	-	-	-	-	Principal Milestones Month & Year Concept Design Complete: Final Design Complete: Initial/Final Project Award: Dec 2013 / Mar 2014 Construction Complete: Equipment Installation Complete: Dec 2014 Prove Out Begins: Prove Out Complete:	Related Projects						
B. Equipment Cost	2.412	2.046	1.702	-	1.702		Project Number	Title	FY & Appn	Value (\$ M)	Facing	Start Date	Compl Date
C. Equipment Installation Cost	-	-	-	-	-								
D. Contractor Support Cost	-	-	-	-	-								
E. Corps of Engineers Support Cost	-	-	-	-	-								
F. Other In-House Support Cost	-	-	-	-	-								
G. Total Facility Project Cost	-	-	-	-	-								
H. Other Costs	-	-	-	-	-								
Total Project Cost	2.412	2.046	1.702	-	1.702								

Narrative Explanation:
 FY 2015 Base procurement dollars in the amount of \$1.702 million support the following: Procures a Non-Track Digital Instrumentation System (NTDIS), which is a mobile video broadcast van with equipment capable of near real time viewing, recording, processing, and remote network control of high-speed video data collected at missile launch sites (Non-Track refers to video collected from cameras fixed on tripods not optical tracking instruments, NTDIS does not track missiles).